

HUNCH CDR

NASA HUNCH BACKLOG

ID	Backlog Item	Acceptance Criteria	Owner(s)	Est. (min)	Blockers / Notes)	S P
1	As a developer, I want a CAD model of the medication dispensing kiosk	Complete 3D CAD model with dimensions for housing display, Jetson Nano, dispensing mechanism, sensors, and storage compartment; design suitable for microgravity.	Kerem Cakmak	240	Need final component dimensions :	I
2	As a developer, I want a database schema for the medication management system	Database design includes tables for users, prescriptions, medication inventory, dispensing logs, and adherence records with proper relationships and indexing.	Kerem Cakmak	180	Requirements from all modules needed	I
3	As a developer, I want the Jetson Nano configured and operational	Jetson Nano hardware setup complete with OS installed, necessary libraries, and optimized for running computer vision and AI models.	Marco Stulic, Nimul Islam	120	n/a	I
4	As a user, I want facial recognition to authenticate my identity	System captures face image, runs recognition model on Jetson Nano, verifies against database, and grants/denies access in <3 seconds.	Marco Stulic	300	Depends on Item 3 (Jetson setup)	I
5	As a user, I want the system to verify pills match my prescription	Computer vision model identifies pill by shape, color, and imprint; compares to prescription in database; displays match/mismatch result.	Marco Stulic	360	Depends on Item 3; need pill dataset	I
6	As a developer, I want computer vision models integrated with the database	Facial recognition and pill detection results query and update database records; API endpoints established for data exchange.	Marco Stulic, Kerem Cakmak	180	Depends on Items 2, 4, 5	I
7	As a user, I want voice guidance during medication dispensing	The system provides voice prompts using text-to-speech for each step: authentication, verification, dispensing, and confirmation.	Nimul Islam	150	Need workflow sequence finalized	I
8	As a user, I want voice guidance during medication dispensing.	Speech-to-text system recognizes commands like "dispense medication," "check inventory," "cancel"; processes and executes requests hands-free.	Nimul Islam	240	Depends on Item 3 (Jetson Setup)	I
9	As a user, I want an user friendly	UI displays clear medication information, status indicators, and controls.	Kamil Lopez	300	Depends on Item 22 (wireframes)	I

	interface on the kiosk					
10	As a user, I want the system to dispense my medication automatically	After successful authentication and verification, the dispensing mechanism releases correct dosage; event logged with user ID, medication, time, and quantity.	Kamil Lopez, Nimul Islam, Marco Stulic	420	Hardware integration; depends on Items 4, 5, 6	
11	As a system, I want to track medication inventory in real-time	AI module monitors stock levels and environmental conditions (temperature, humidity); database updates automatically after each dispensing event.	Nimul Islam, Kerem Cakmak	240	n/a	
12	As ground personnel, I want to remotely monitor the system	Web-based dashboard displays real-time adherence data, inventory levels, system status, and alerts for missed doses or errors.	Kamil Lopez	360	Depends on Items 6, 11 (data sources)	
13	As ground personnel, I want to receive alerts for critical events	The system sends automated notifications for low inventory, missed doses, authentication failures, or environmental anomalies via remote monitoring interface.	Kamil Lopez	120	Depends on Item 12	
14	As a mission planner, I want predictive analytics for medication usage	ML model analyzes consumption patterns, forecasts future needs, and generates resupply recommendations based on mission duration and crew size.	Nimul Islam	300	Need historical usage data for training	
15	As a mission planner, I want rationing recommendations during emergencies	AI system calculates optimal medication rationing strategies when supply is limited; provides recommendations through remote interface.	Nimul Islam	180	Depends on Item 14	
17	As an administrator, I want all dispensing events logged securely	Database records tamper-proof logs of every transaction including user, medication, dosage, timestamp, and verification status; optional blockchain integration.	Kerem Cakmak	150	Depends on Item 2	
18	As ground control, I want intervention capability for emergencies	Remote interface allows authorized personnel to override schedules, lock/unlock dispensing, or modify prescriptions with audit trail.	Kamil Lopez	180	n/a	
19	As a stakeholder, I want comprehensive documentation of the system	Technical documentation includes architecture diagrams, API specifications, user guides, setup instructions, and sprint retrospectives.	Abdullah Zahir	480	Ongoing throughout project	
20	As a team, I want regular sprint	Scrum ceremonies conducted including daily standups, sprint	Abdullah Zahir	60	Recurring weekly activity	

	planning and reviews	planning, retrospectives, and backlog grooming; progress tracked and documented.				
21	As a stakeholder, I want a professional brochure for the system	Marketing brochure created with product overview, key features, benefits, use cases, technical specifications, and visuals; suitable for presentations and distribution.	Abdullah Zahir	180	Need finalized feature list	
22	As a team member, I want design mockups and wireframes for system components	Visual designs created for UI layouts, kiosk appearance, user flows, and component interactions to guide development.	Abdullah Zahir	240	Need requirements from team	
23	As a project manager, I want a project timeline and milestone tracker	timeline document showing all phases, milestones, dependencies, and deadlines; regularly updated to reflect progress.	Abdullah Zahir	120	Need all task estimates	
24	As a stakeholder, I want a presentation deck for project demonstrations	PowerPoint/slide deck created with problem statement, solution overview, architecture, features, demo flow, and team introductions for pitch presentations.	Abdullah Zahir	240	Near project completion	
25	As a team, I want meeting notes and action items documented	All sprint meetings, design sessions, and stakeholder discussions are documented with key decisions, action items, and follow-ups tracked.	Abdullah Zahir, Nimul Islam	30	Ongoing through project	

SCRUM TIMELINE (WORKFLOW)

Week 1: October 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for
Oct 14, 2025	Marco Stulic	Kicked off the project, reviewed NASA HUNCH requirements and started researching Jetson Nano	90 min	Need to order hardware	Start setting up environment work

Oct 14, 2025	Kerem Cakmak	Initial project meeting, discussed overall system architecture and started brainstorming database structure +2	90 min	Waiting on component specifications	Begin CA
Oct 14, 2025	Nimul Islam	Project kickoff, reviewed AI/ML requirements for voice recognition and predictive analytics +2	90 min	Need Jetson Nano hardware +1	Research +1
Oct 14, 2025	Abdullah Zahir	Organized first team meeting, set up project documentation structure and created initial backlog draft +2	90 min	None	Schedule +1
Oct 14, 2025	Kamil Lopez	Project start meeting, discussed UI requirements and kiosk design considerations +2	90 min	Need wireframe tools +1	Research +1

Week 2: October 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Oct 23, 2025	Marco Stulic	Researched facial recognition models and started	120 min	Still waiting on hardware delivery	Continue model research

		comparing options for Jetson Nano deployment			
Oct 23, 2025	Kerem Cakmak	Started sketching out database schema, identified main tables we'll need for users, meds, and logs	150 min	Need input from Marco on CV data requirements	Finish initial schema draft
Oct 23, 2025	Nimul Islam	Looked into voice command libraries and tested some basic speech recognition on my laptop	180 min	Hardware not here yet	Test more voice options
Oct 23, 2025	Abdullah Zahir	Updated backlog based on team feedback, started working on project timeline document	120 min	Need time estimates from team	Finalize sprint 1 goals

Oct 23, 2025	Kamil Lopez	Created rough wireframes for the kiosk interface, focusing on user flow during dispensing	180 min	None	Get feedback on wireframes
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Week 3: October 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Oct 30, 2025	Marco Stulic	Jetson Nano finally arrived! Started initial setup and OS installation	150 min	Installation taking longer than expected	Finish setup and test CV libraries
Oct 30, 2025	Kerem Cakmak	Worked on CAD model dimensions, measuring out space for all components	180 min	Don't have final Jetson measurements yet	Continue CAD work
Oct 30, 2025	Nimul Islam	Helped Marco with Jetson setup, installed some ML	120 min	Hardware sharing between Marco and me schedule	Coordinate Jetson access

		libraries we'll need			
Oct 30, 2025	Abdullah Zahir	Created design mockups for the brochure, gathered input from team on key features to highlight	150 min	Feature list still evolving	Refine mockups
Oct 30, 2025	Kamil Lopez	Started coding basic UI prototype, setting up the dashboard framework	210 min	Need database connection details	Continue UI development

Week 4: November 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Nov 6, 2025	Marco Stulic	Got facial recognition model running on Jetson, working on optimizing performance	240 min	Model accuracy needs improvement	Collect more training data

Nov 6, 2025	Kerem Cakmak	Made good progress on database schema, started setting up MySQL and creating tables	180 min	None	Test database connections
Nov 6, 2025	Nimul Islam	Implemented basic text-to-speech for voice prompts, testing different voices	150 min	Audio quality could be better	Try different TTS engines
Nov 6, 2025	Abdullah Zahir	Team sprint review, documented decisions and updated timeline with new estimates	90 min	None	Prepare for next sprint planning
Nov 6, 2025	Kamil Lopez	Built out more UI screens, added medication display components	180 min	None	Connect UI to backend

Week 5: November 2025

Date	Team	What I Did	Time	Blockers /	Plan for Next Meeting
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	Member	Today	Spent	Issues	
Nov 13, 2025	Marco Stulic	Started working on pill recognition model, gathered dataset of pill images	210 min	Need more diverse pill samples	Continue training the model
Nov 13, 2025	Kerem Cakmak	Finished initial CAD model of the kiosk enclosure, shared with team for feedback	240 min	None	Make revisions based on feedback
Nov 13, 2025	Nimul Islam	Got speech-to-text working with basic commands, testing recognition accuracy	180 min	Background noise affecting accuracy	Research noise cancellation
Nov 13, 2025	Abdullah Zahir	Worked on presentation deck for PDR, outlining our development approach and architecture	210 min	Need final architecture diagram	Continue deck development

Nov 13, 2025	Kamil Lopez	Integrated UI with Kerem's database, testing data flow	150 min	Some API endpoints not ready yet	Wait for Marco's CV integration
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Week 6: November 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Nov 20, 2025	Marco Stulic	Pill recognition is getting better, fine-tuning the model with new training data	270 min	Still some misclassifications	Keep training and testing
Nov 20, 2025	Kerem Cakmak	Revised CAD model based on feedback, adjusted component spacing	120 min	None	Finalize CAD for PDR
Nov 20, 2025	Nimul Islam	Working on inventory tracking module, setting up sensors and logging	180 min	Sensor calibration tricky	Debug sensor readings
Nov 20, 2025	Abdullah Zahir	Continued work on PDR presentation,	180 min	None	Practice presentation

		added technical details and diagrams			
Nov 20, 2025	Kamil Lopez	Built remote monitoring dashboard, working on real-time data display	240 min	Need live data feeds	Connect to inventory system

Week 7: November 2025 (Thanksgiving Week)

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Nov 27, 2025	Marco Stulic	Short session - tested facial recognition with different lighting conditions	90 min	Thanksgiving break	Resume full schedule next week
Nov 27, 2025	Kerem Cakmak	Quick check on database performance and indexing optimization	60 min	Holiday week	Back to full work next week
Nov 27, 2025	Nimul Islam	Tested voice commands in noisy environment simulation	90 min	Thanksgiving break	Continue testing next week

Nov 27, 2025	Abdullah Zahir	Updated documentation with recent progress	60 min	Holiday week	Prep for December push
Nov 27, 2025	Kamil Lopez	Fixed some UI bugs that came up during testing	90 min	Thanksgiving break	Resume development next week

Week 8: December 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Dec 4, 2025	Marco Stulic	Integrated facial recognition with Kerem's database, testing authentication flow	210 min	Some API latency issues	Optimize database queries
Dec 4, 2025	Kerem Cakmak	Worked with Marco on API integration, fixed database connection issues	150 min	None	Continue integration work
Dec 4, 2025	Nimul Islam	Started building predictive analytics module, gathering usage	240 min	Need more sample data	Create synthetic dataset

		pattern data			
Dec 4, 2025	Abdullah Zahir	Final touches on PDR presentation, coordinated practice run with team	180 min	None	PDR prep on Dec 12
Dec 4, 2025	Kamil Lopez	Finished alert notification system for critical events	150 min	None	Test notifications thoroughly

Week 9: December 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Dec 11, 2025	Marco Stulic	Final prep for PDR tomorrow, ran through demo scenarios and fixed last-minute bugs	180 min	Some edge cases in pill detection	Present at PDR
Dec 11, 2025	Kerem Cakmak	PDR preparation, verified all database connections and made backup	120 min	None	Present at PDR

Dec 11, 2025	Nimul Islam	Prepared voice demo for PDR, practiced commands and responses	150 min	None	Present at PDR
Dec 11, 2025	Abdullah Zahir	Final PDR presentation rehearsal, printed materials and organized logistics	120 min	None	Lead PDR presentation
Dec 11, 2025	Kamil Lopez	PDR prep, ensured UI demo is smooth and responsive	120 min	None	Demo UI at PDR
Dec 12, 2025	Marco Stulic	PDR with Dr. Florence Gold - Presented computer vision approach, got good feedback on facial and pill recognition	180 min	Dr. Gold suggested improving error handling	Implement feedback
Dec 12, 2025	Kerem Cakmak	PDR with Dr. Florence Gold - Presented database architecture and CAD model,	180 min	Need to add encryption layer	Work on security features

		received suggestions on data security			
Dec 12, 2025	Nimul Islam	PDR with Dr. Florence Gold - Demoed voice system and predictive analytics, got questions about accuracy metrics	180 min	Need to improve voice accuracy	Refine models
Dec 12, 2025	Abdullah Zahir	PDR with Dr. Florence Gold - Led presentation, documented all feedback and action items from review	180 min	None	Distribute feedback to team
Dec 12, 2025	Kamil Lopez	PDR with Dr. Florence Gold - Presented UI and remote monitoring, received input on user experience	180 min	UI needs more accessibility options	Add accessibility features

Week 10: December 2025

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Dec 16, 2025	Marco Stulic	Meeting with Dr. Gold & Alli Westover - Discussed medical accuracy requirements for pill recognition, took notes on pharmaceutical standards	120 min	Need to research FDA pill identification standards	Implement medical-grade verification
Dec 16, 2025	Kerem Cakmak	Meeting with Dr. Gold & Alli Westover - Got feedback on medication storage requirements and environmental monitoring needs	120 min	Need to add more sensors to design	Update CAD with new sensors
Dec 16, 2025	Nimul Islam	Meeting with Dr. Gold & Alli Westover - Discussed dosage tracking and adherence monitoring from biomedical perspective	120 min	Need to adjust analytics for medical use case	Refine analytics algorithms
Dec 16, 2025	Abdullah	Meeting with Dr. Gold & Alli	120	None	Update requirements doc

	Zahir	Westover - Documented all biomedical requirements and regulatory considerations	min		
Dec 16, 2025	Kamil Lopez	Meeting with Dr. Gold & Alli Westover - Learned about astronaut medication protocols and UI requirements for microgravity	120 min	UI needs to work with gloves	Research space-rated UI design
Dec 18, 2025	Marco Stulic	Implemented error handling improvements from PDR feedback, testing edge cases	180 min	None	Continue testing
Dec 18, 2025	Kerem Cakmak	Started adding encryption to database, researching HIPAA compliance	210 min	Need to verify compliance requirements	Continue security work
Dec 18, 2025	Nimul Islam	Working on voice accuracy improvements, collected more training samples	180 min	None	Train improved model

Dec 18, 2025	Abdullah Zahir	Updated all documentation with PDR and Alli meeting feedback	150 min	None	Share updates with team
Dec 18, 2025	Kamil Lopez	Researching accessibility features and space UI design principles	120 min	None	Start implementing changes

Week 11: December 2025 (Holiday Break)

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Dec 26, 2025	Marco Stulic	Light work during break - reviewed FDA guidelines for pill identification	60 min	Holiday week	Resume January 2
Dec 26, 2025	Kerem Cakmak	Caught up on some database optimization during downtime	60 min	Holiday week	Resume January 2
Dec 26, 2025	Nimul Islam	Tested some voice samples during break	45 min	Holiday week	Resume January 2
Dec 26, 2025	Abdullah	Organized documentation	90 min	Holiday week	New year kickoff meeting

	Zahir	and planned Q1 sprint schedule			
Dec 26, 2025	Kamil Lopez	Sketched out accessibility improvements	60 min	Holiday week	Resume January 2

Week 12: January 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Jan 2, 2026	Marco Stulic	Back from break, resumed work on medical-grade pill verification standards	180 min	None	Continue implementation
Jan 2, 2026	Kerem Cakmak	Finished encryption implementation, starting testing	210 min	None	Complete security testing
Jan 2, 2026	Nimul Islam	Deployed improved voice recognition model, much better accuracy now	150 min	None	Test in different conditions
Jan 2, 2026	Abdullah	New year planning	120 min	None	Weekly check-ins through January

	Zahir	meeting, set goals for January leading up to CDR			
Jan 2, 2026	Kamil Lopez	Started implementing accessibility features in UI	180 min	None	Continue accessibility work

Week 13: January 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Jan 8, 2026	Marco Stulic	Pill recognition now meeting medical accuracy standards, documented test results	240 min	None	Prepare for integration testing
Jan 8, 2026	Kerem Cakmak	Updated CAD model with additional environmental sensors from Alli's feedback +1	180 min	None	Finalize CAD for manufacturing

Jan 8, 2026	Nimul Islam	Working on medication rationing algorithms for emergency scenarios	210 min	Complex edge cases	Continue algorithm development
Jan 8, 2026	Abdullah Zahir	Updated technical documentation with all December changes	150 min	None	Keep docs current
Jan 8, 2026	Kamil Lopez	UI now supports glove-based touch input and larger buttons	180 min	None	Test with actual glove simulation

Week 14: January 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Jan 15, 2026	Marco Stulic	Full integration testing of facial + pill recognition with database	270 min	Found some race conditions	Debug timing issues
Jan 15, 2026	Kerem	Helping Marco debug	180 min	None	Continue optimization

	Cakmak	integration issues, optimizing database queries			
Jan 15, 2026	Nimul Islam	Predictive analytics module complete, tested with synthetic data	240 min	Need real usage data eventually	Move to rationing system
Jan 15, 2026	Abdullah Zahir	Working on CDR presentation outline, gathering content from team	180 min	None	Continue CDR prep
Jan 15, 2026	Kamil Lopez	Remote monitoring dashboard fully functional with live updates	210 min	None	Add more alert types

Week 15: January 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Jan 22, 2026	Marco Stulic	Fixed race conditions, system now	180 min	None	Stress testing

		handles concurrent requests properly			
Jan 22, 2026	Kerem Cakmak	Implemented secure logging with tamper-proof features	210 min	None	Test logging system
Jan 22, 2026	Nimul Islam	Emergency rationing system working, tested various shortage scenarios	180 min	None	Document rationing logic
Jan 22, 2026	Abdullah Zahir	CDR presentation coming along, added demo videos and screenshots	210 min	None	Continue building slides
Jan 22, 2026	Kamil Lopez	Added intervention capability for ground control override	150 min	None	Test override scenarios

Week 16: January 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Jan 29, 2026	Marco Stulic	Running extensive stress tests on computer vision system	240 min	None	Document performance metrics
Jan 29, 2026	Kerem Cakmak	Final CAD revisions, preparing files for potential manufacturing	180 min	None	CAD complete for CDR
Jan 29, 2026	Nimul Islam	Fine-tuning all AI/ML models, improving response times	210 min	None	Prepare ML demos for CDR
Jan 29, 2026	Abdullah Zahir	Major progress on CDR deck, working on technical details section	240 min	None	Finish first draft
Jan 29, 2026	Kamil Lopez	Full system testing of automated dispensing with all integrations	270 min	Minor timing issues	Debug dispensing timing

Week 17: February 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Feb 5, 2026	Marco Stulic	Performance optimization complete, system response time under 3 seconds	180 min	None	Start CDR demo prep
Feb 5, 2026	Kerem Cakmak	Database fully optimized and secured, running final tests	150 min	None	Prepare database section for CDR
Feb 5, 2026	Nimul Islam	All AI modules integrated and tested together successfully	210 min	None	Prepare AI demo
Feb 5, 2026	Abdullah Zahir	First complete draft of CDR presentation finished, sent to team for review	180 min	None	Incorporate feedback
Feb 5, 2026	Kamil Lopez	Fixed dispensing timing issues, system now	180 min	None	Full system demo practice

		works smoothly end to end			
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Week 18: February 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Feb 12, 2026	Marco Stulic	Prepared detailed technical documentation for computer vision components	150 min	None	Review with team
Feb 12, 2026	Kerem Cakmak	Created database documentation and ER diagrams for CDR	120 min	None	Review with team
Feb 12, 2026	Nimul Islam	Documented all AI/ML models, training data, and performance metrics	180 min	None	Add to CDR materials
Feb 12, 2026	Abdullah Zahir	Revised CDR presentation based on team feedback, looks	210 min	None	Continue refinement

		great now			
Feb 12, 2026	Kamil Lopez	Created UI documentation and user flow diagrams	150 min	None	Add to CDR package

Week 19: February 2026

Date	Team Member	What I Did Today	Time Spent	Blockers / Issues	Plan for Next Meeting
Feb 16, 2026	Marco Stulic	Full system demo rehearsal, everything working perfectly	120 min	None	Practice presentation parts
Feb 16, 2026	Kerem Cakmak	CDR materials review, verified all technical specs are accurate	90 min	None	Practice presentation
Feb 16, 2026	Nimul Islam	Rehearsed AI system demo, prepared backup scenarios	120 min	None	Final practice before CDR
Feb 16, 2026	Abdullah Zahir	Finalized CDR presentation, printed	150 min	None	Final team rehearsal

		materials, organized logistics			
Feb 16, 2026	Kamil Lopez	Tested complete user flow multiple times, system is solid	120 min	None	Prepare for CDR demo

Decision Matrix: HARDWARE

Criteria (ranked by normalized criteria value)	Normal Priority Value	Design Alternative #1 NVIDIA Jetson Nano		Design Alternative #2 Raspberry Pi 4		Alt
Computing Power	0.75	5	3.75	3	2.25	2
AI Chipset/AI Compatibility	0.75	5	3.75	1	0.75	2
Ease of Use	0.5	3	1.5	5	2.5	4
Pre-Installed Libraries	0.25	4	1	4	1	2
Cost	0.5	2	1	3	1.5	5
Totals			11		8	

Decision Matrix: COMPUTING LIBRARIES

Criteria (ranked by normalized criteria value)	Normal Priority Value	Design Alternative #1 OpenCV		Design Alternative #2 DLib		Alt
Computer Vision/Object Tracking	0.75	5	3.75	5	3.75	2
Real-time Performance	1.00	4	4.0	4	4.0	3
Analytics	0.75	2	1.5	5	3.75	4
Data Accuracy	0.5	3	1.5	4	2.0	2
Hardware Utilization	0.25	3	0.75	3	0.75	5
Performance Benchmarks	0.75	4	3.0	5	3.75	3
Totals			14.5		18	

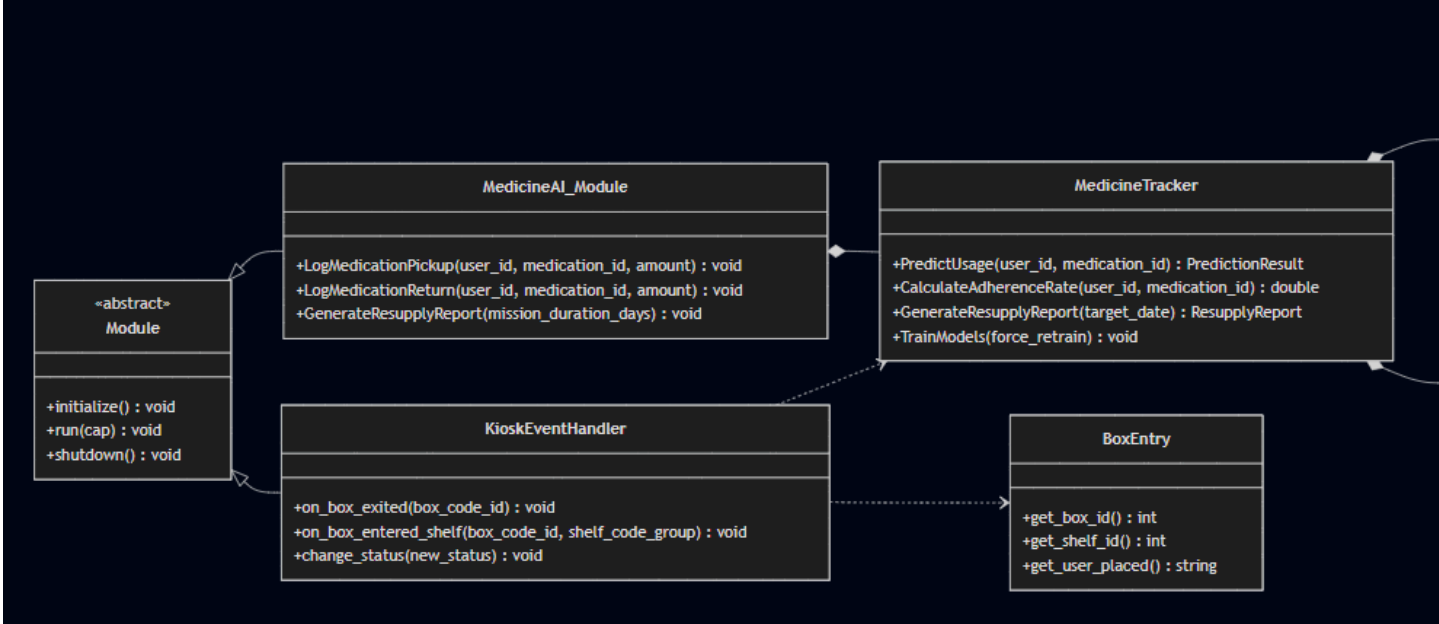
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Decision Matrix: DATABASE

Criteria (ranked by normalized criteria value)	Normal Priority Value	Design Alternative #1 SQLite		Design Alternative #1 MySQL		Alt #2 M
		5	3.75	5	3.75	
Speed	0.75	5	3.75	5	3.75	4
Complexity	0.5	4	2.0	4	2.0	4
Ease of Use	0.5	4	2.0	4	2.0	4
Ease of Setup	0.25	5	1.25	2	0.5	3

Totals	9.0		8.25	
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UML DIAGRAM



FLOWCHART

[⇒ Lucidchart](#)

CDR PRIORITY LIST

CDR - List

90% Plus Working Prototype

Presentation Board - Engineering Notebook (D.A.A.N.)

- k - Summary Problem Statement, Constraints Requirements
- Research 2
- Brainstorming 3
- Functional Diagram - With Info Flow
- Expanded Code for Each Functional Diagram
- f - Next Steps and Schedule Weekly Deliverables
- Code Files and Listing Samples
- Installation Instructions for each file - Exec(s)
- Test Plan
- Test Results - Statistics based on Logs
- Improved WEBSITE or Google Site
- **Client and/or Project Storyboards**
- New 3 Minute Video of your Prototype
- New 3 Minute Video of your Presentation
- Video Testimonial(s) of Learning from **HUNCH**
- Marketing Brochure - Front and Back Single Page
- Technical Presentation - Charts/Slides