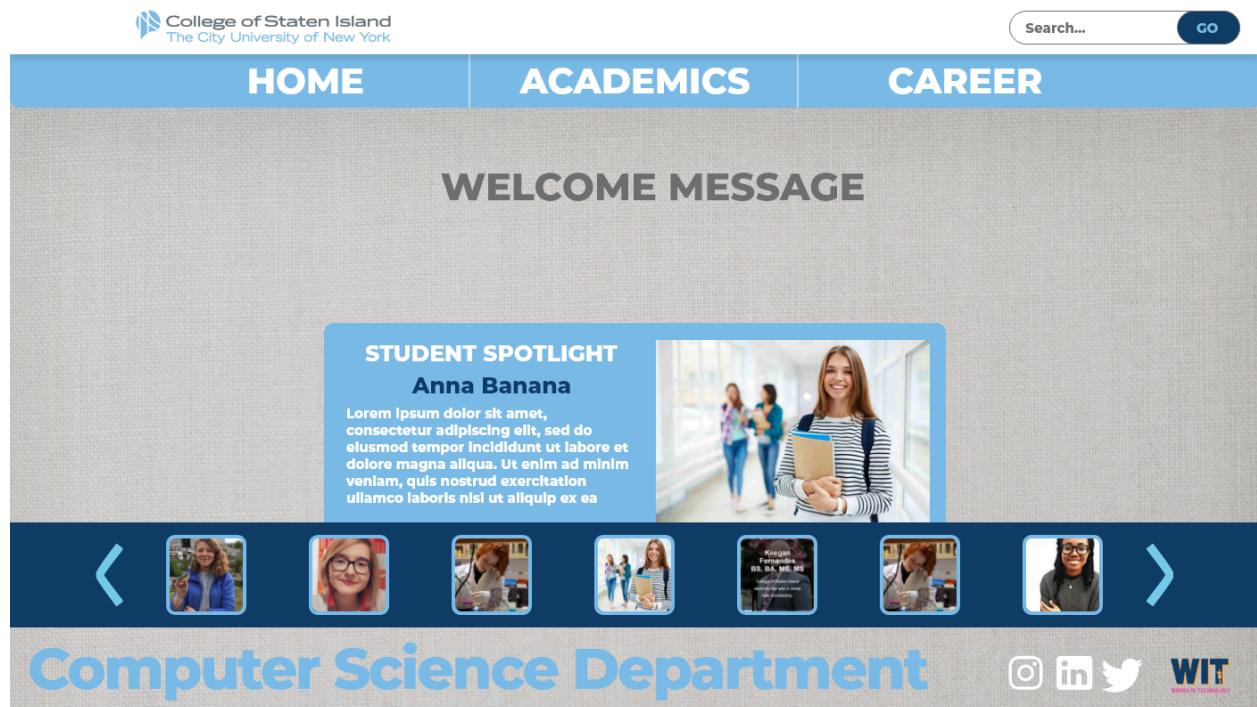


CS Advisement Resource Center (ARC)



Summary/ Idea Overview:

This project will create a website which will centralize all advisement and professional development resources for computer science majors. This information is currently dispersed amongst several locations including computer science department webpages, career center, advisement, registrar.....

Our project will have 3 phases:

- Academic Advisement Component Implementation
- Professional Development Component Implementation
- Student Spotlight/Recruitment Component Implementation

Possible Phase 4: implementation of the Search Component.

Timeline:

November 8	Introduction and team assignment
November 15	First sprints will start
January 7	Estimated completion date for Phase 1
February 31	Start of Phase 2
March 21	Estimated completion date for Phase 2
March 28	Start of Phase 3
June 13	Estimated completion date for Phase 3

We currently have 14 people interested to be part of the project. We are planning to break them into 3 teams.

3 teams:

1. React
2. UI/UX design
3. Database

Responsibility of Industry Specialists:

1. To manage each team: set up meetings and be present for each meeting.()
2. Sprint planning,
3. Scrum meetings can be performed async using Discord or Slack
4. Be up to date with student progress
5. Help with distribution of task for the sprint
6. Make short presentation of the topic of the week (or make students present)
7. Answer student's questions and provide helpful resources
8. Share best practices from real industry
9. Choose a student to present updates on the Sprint Review meeting

Sample schedule for a one meeting per week (60 min):

5 min stand up (Update on a progress)

10 min Presentation of new material by a student or an industry specialist if was assigned

10-20 min presentation of new User Stories and assignment

25 min assignment of a new presentation if needed, code overview, Q&A

Possible meeting time is Wednesday 7pm after the WIT club meeting.

There will be one **Sprint Review (showcase meeting)** every two sprints on Friday where 1 student from each team will present their progress to us.

November 12

December 10

January 7

January 21

Communication:

We have a discord channel but if preferred we can use Slack or any other form of communication. Trello can be used for task management or any other system. Even Visual Studio.

Technology:

React

MongoDB

Bootstrap

React Flow

Users stories

Our project will have 3 phases:

- Academic Advisement Component Implementation
- Professional Development Component Implementation
- Student Spotlight/Recruitment Component Implementation

This application will be created using React and database MongoDB. In the future a phone App.

Must have functionalities (user stories):

1. The user should be able to land on the main page.
2. The user should be able to access academic menu, professional development menu and be able to see student spotlight carousel on the main page.
3. The user should be able to access an academic menu and see the following options:
 - a. Pathway checklist (must have)
 - b. Flow chart (must have)
 - c. Freshman tips
 - d. Sophomore tips
4. The user should be able to access a professional development menu and see the following options:
 - a. Resume (must have)
 - b. LinkedIn (must have)
 - c. GitHub (must have)
 - d. Internship (must have)
 - e. Jobs (must have)
5. The user should be able to access a flow chart page by clicking on the “flow chart” from the academic menu on the main page. (Static flow chart)

6. The user should be able to access a pathway checklist page by clicking on the “pathway checklist” from the academic menu on the main page.
 7. The user should be able to access a resume page of the gitbook by clicking on the “resume” from the professional development menu on the main page.
 8. The user should be able to access a LinkedIn page of the gitbook by clicking on the “LinkedIn” from the professional development menu on the main page.
 9. The user should be able to access a GitHub page of the gitbook by clicking on the “GitHub” from the professional development menu on the main page.
 10. The user should be able to access a submenu by clicking on the “Internship” from the professional development menu on the main page. Menu will include following options:
 - a. How to search
 - b. Interview etiquette
 - c. Internships. (Andrea’s website with current internships available) (must have)
 11. The user should be able to access a submenu by clicking on the “Jobs” from the professional development menu on the main page. Menu will include following options:
 - a. How to search
 - b. Interview etiquette
 - c. Reply letter template
 - d. Salary negotiation
 - e. Jobs. (Andrea’s website with current internships available) (must have)
 12. The user should be able to see a dropdown menu on the flow chart page with choices of their catalog year. Choice should be mandatory.
 13. The user should be able to see a flow chart specific to the chosen catalog year with some clarification information listed below the flow chart.
 14. The user should be able to access a course description by clicking on the course number on the flow chart. Redirection to the CSI course catalog.
 15. The user should be able to see on the pathway checklist page a sample table populated with courses to be taken for each semester.
 16. The user should be able to change selections on the pathway checklist page and rearrange courses in the sample table by dragging and dropping them.
 17. The user should be able to access a spotlight carousel page by clicking on the header above the carousel on the main page.
 18. The user should be able to see the add a spotlight student option on the spotlight page.
 19. The user should be able to see a pop-up form for students to fill out in order to appear on the page. After review and approval student will appear on the page
- The rest of the spotlight user stories are currently under development.

Sprint	User stories	Notes
Sprint 1 (Nov 15 - Nov 26): Sprint Planning (+scrum Poker)	1,2,3,4	

Scrum (twice a week) Slack. At least 1 f-to-f		
Sprint Review		
Sprint 2 (Nov 29 - Dec 10):	5,12,13	
Sprint 3 (Dec 13 - Dec 24):	14, 6, 15	
Sprint 4 (Dec 27 - Jan 7):	16.	
Sprint 5 (Jan 10 - Jan 21)		