

Database Design Project Phase 3 Submission Template

CS 3200 - Summer 2 2025

Officially Due: Thursday, Aug 14, 2025 by 11:59 PM EST.

Submissions will be accepted through 5 pm EST on Friday, Aug 15, without penalty.

This **Phase 3 Template** adds links to the bottom of **this first page**, some pages at the end, and possibly updates the project ER Diagram.

Directions:

1. Copy the **Table of Links** at the bottom of this page to your Phase 2 submission document. Change the headers to reflect "Phase 3"
2. Paste in the described links.
3. If your database model changed substantively as you were doing phase 3, please add a new copy of the DataGrip Database Diagram **under** the current one towards the end of this document. You DO NOT need to update any other parts of the proposal.
4. Copy and paste the REST API Matrix from this document to the end of your Phase 3 submission. Complete the REST API matrix as described in the Phase 3 doc and in class.
5. Download a PDF of this document (File Menu > Download > PDF Document).
6. Submit the PDF to Gradescope.
 - a. You DO NOT need to submit the SQL Bootstrap information as you did with Phase 2.
 - b. Submission on Gradescope will be by group.
 - c. The team member submitting needs to indicate/choose all team members during the submission process. **If you do not do this, grades will not get properly synced with Canvas.**

Please note, your group can take creative liberties with the look and feel of this document. You can change the fonts, colors, etc. However, please leave the information in the same order as it is in this document. Additionally, I fully expect that as you're working on Phase 3, your team will want to make some modifications to what you submitted in Phase 1 and 2 - maybe you want to update or change some user stories, or maybe you realize two of your personas are actually the same. That is completely fine.

Project Links ← Copy and paste this table into your own document.

Description	Link
Link to shared copy of this exact Google Doc	
Github Project Repo Link	
Link to shared demo video (guidelines in Project Phase 3 Document)*	

* Make sure your video file is publicly visible so we can grade it.

Part 1: Team and Project Info

Team Name:	
Product/Project Name:	

Team Members:

	Name (as appears on Canvas):	Northeastern Email Address:
Member 1 (Point Person)		
Member 2		
Member 3		
Member 4		
Member 5		

Part 2: Brief Synopsis of Project/Product

Part 3: User Personas

Persona 1:

User Stories for Persona 1:

-

Persona 2:

User Stories for Persona 2:

-

Persona 3:

User Stories for Persona 3:

-

Persona 4:

User Stories for Persona 4:

-

Part 4: Localized ER Diagrams

User Persona 1: <Give persona name or quick description>

User Persona 2: < Give persona name or quick description>

User Persona 3: <Give persona name or quick description>

User Persona 4: <Give persona name or quick description>

Global ER Diagram

Paste your app's global ER diagram below.

Relational Diagram:

Paste your app's relational diagram (generated from the above global ER diagram) below.

Datagrip Database Diagram

After you create your database script file, generate a database diagram in Datagrip. Screenshot or export and paste below.

REST API Matrix

- List all resources you've identified from the user stories.
- Under the relevant HTTP methods for that resource, very briefly describe the action that will take place. If a particular route will not be supported, put 'n/a' in the box.
- Indicate which User Story or stories will use each route. Use the format [persona_name, user_story_num]. Example: [Jane-2] means the 2nd user story of persona Jane.
 - Feel free to update your user stories submitted for Phase 1 with numbers.
- Use the example below to guide you.

Resource	GET	POST	PUT	DELETE
/products	Return a list of all products with their current sale price [Jane-2], [Sam-1]	n/a	n/a	n/a
/products/{id}	Return all detail information for a particular product [Sam-2]	n/a	Update the price of a product [Drew-3]	Mark a product as out of stock [Drew-4]
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