SHIKSHA

The Planner

CALTOR Team:

EARL JEDRICK MACALINO

UMANGI PATEL

GLAIZA REGONAS

Table of Contents

1. Problem Definition
2. Stakeholder Empathy Map
3. Motivation
4. Problem Solution
5. Compare
6. Assumption
7. Constraints
8. User Requirements
9. Data Flow Chart
10. Initial Static WebPages
11. Methodology
12. Logical Data Model
13. Languages used
14. Stories on Board
15. Final Lo-Fidelity
16. Security and Privacy
17. Demo
18. Future Improvements
19. Imange References

Problem Definition

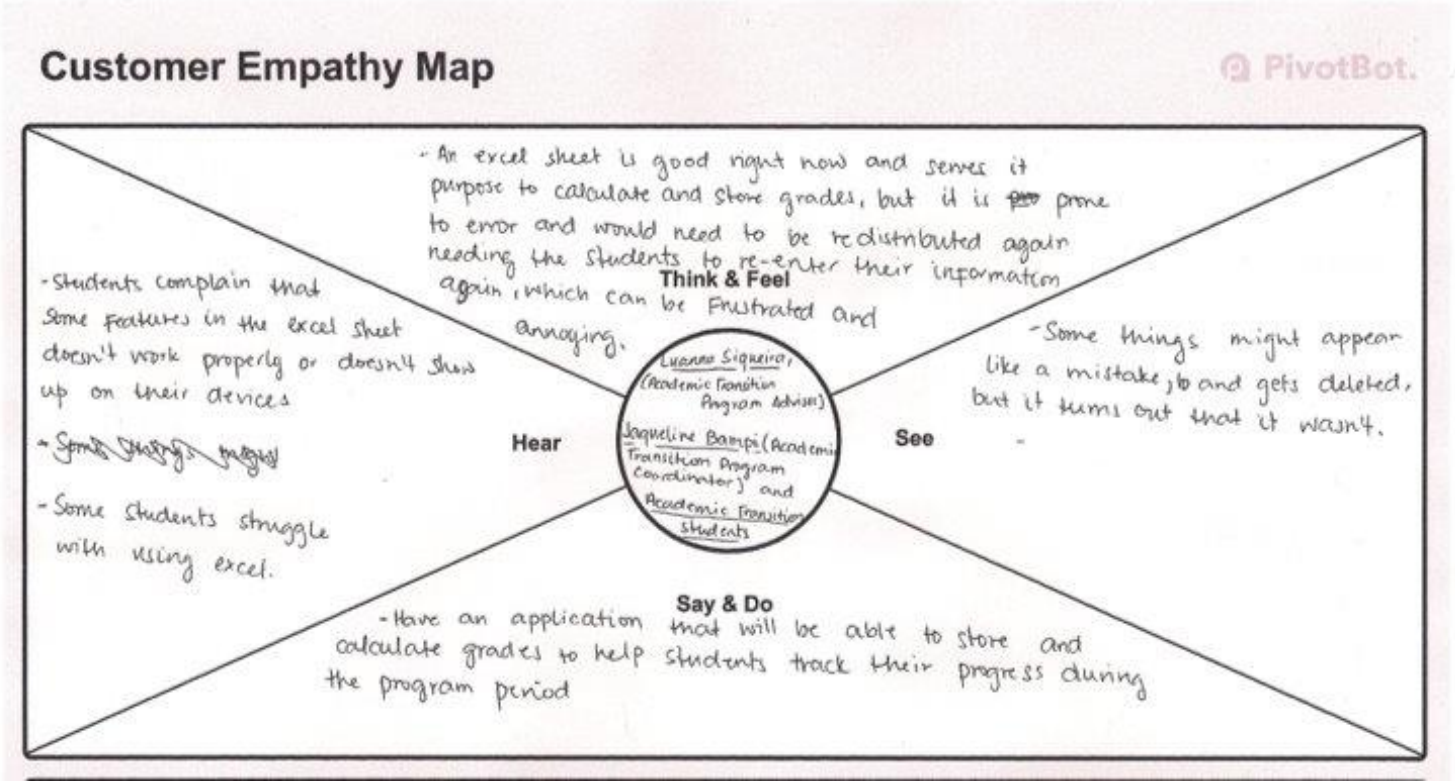
ACADEMIC TRANSITION PROGRAM IN UNIVERSITY OF REGINA

CURRENTLY USING AN EXCEL SHEET FOR THEIR GRADING CALCULATOR

THERE ARE A LOT OF ISSUES.

NOT ALL STUDENTS UNDERSTAND EXCEL AND WOULD MAKE SILLY MISTAKES

Stakeholder Empathy Map



Motivation

- Help fellow students
- Get out of the Probation Program
- Webpage will be used in the SSW ACT class
- Proper and error tolerant web page

Problem Solution

Our solution is SHIKSHA The Planner.

An interactive web-based application

COMPARISON

	Excel Grading Calculator	SHIKSHA The Planner
Login and signup		
Error tolerant		
Has Academic Plan		
Portable (use in different devices)		
Dynamic		

Application is for students who are in academic transition program
Inputs coming from devices

- Constraints
  - Enter previous grades
  - Not free to design

User Requirements

HAVE USER SIGNUP AND LOG IN

STORES USER'S INPUTS (ASSIGNMENT GRADES, GRADES FROM PREVIOUS CLASSES)

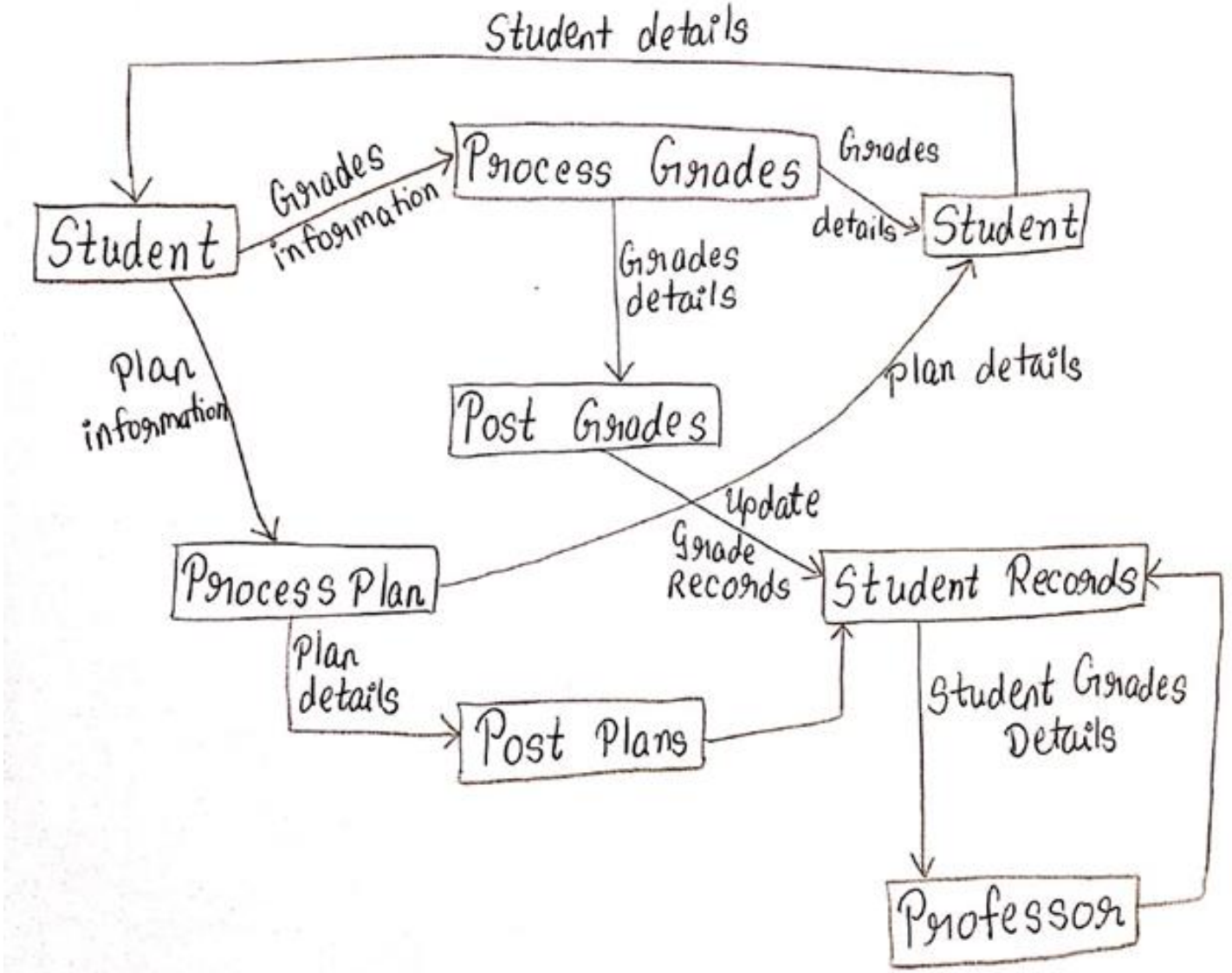
FROM THOSE STORED DATA BE ABLE TO CALCULATE THE USER'S UGPA ACCORDING THE UNIVERSITY OF REGINA STANDARD

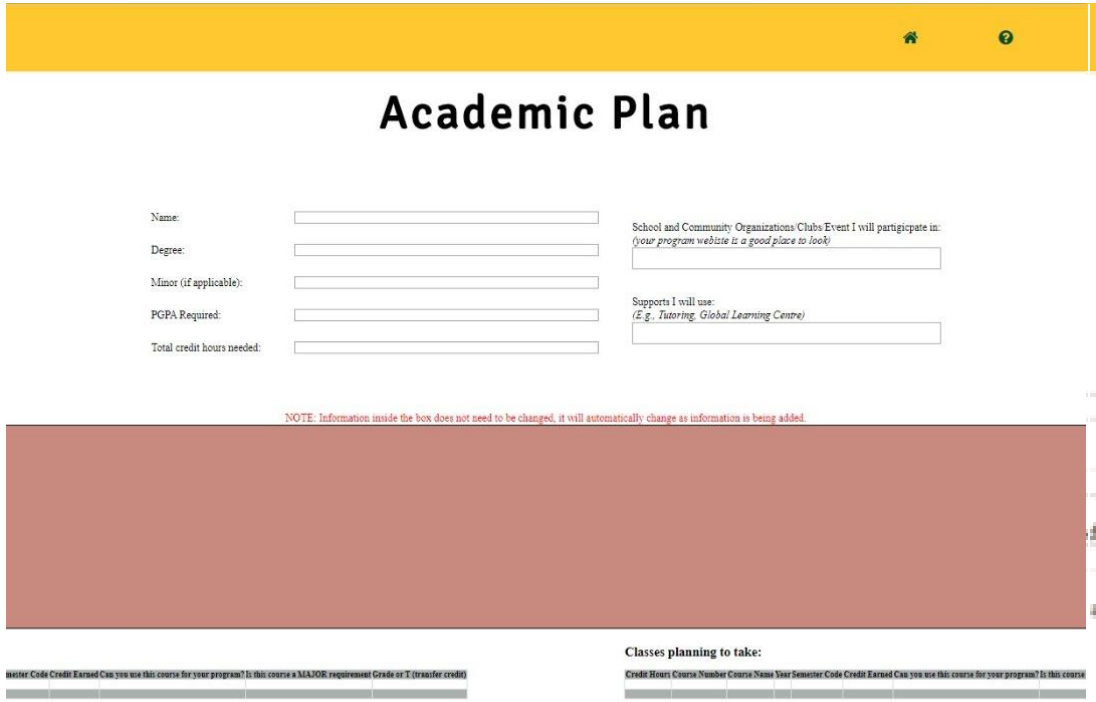
HAVE THOSE DATA AND CALCULATIONS SAVED WHEN THE USER LOGS BACK IN SO THAT THEY DON'T HAVE TO KEEP ENTERING THEIR GRADES

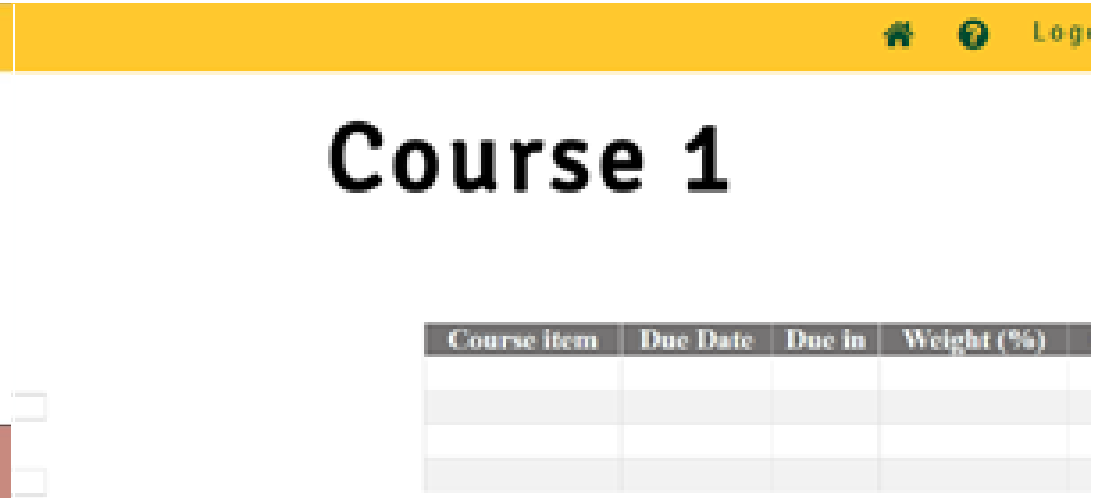
HAVE A DIFFERENT SECTION FOR THE ACADEMIC TRANSITION PROGRAM CLASS

INCLUDE A LEARNING SECTION WHERE THE INSTRUCTOR WILL BE ABLE TO TEACH STUDENTS HOW TO USE THE APPLICATION PROPERLY

Data Flow Chart



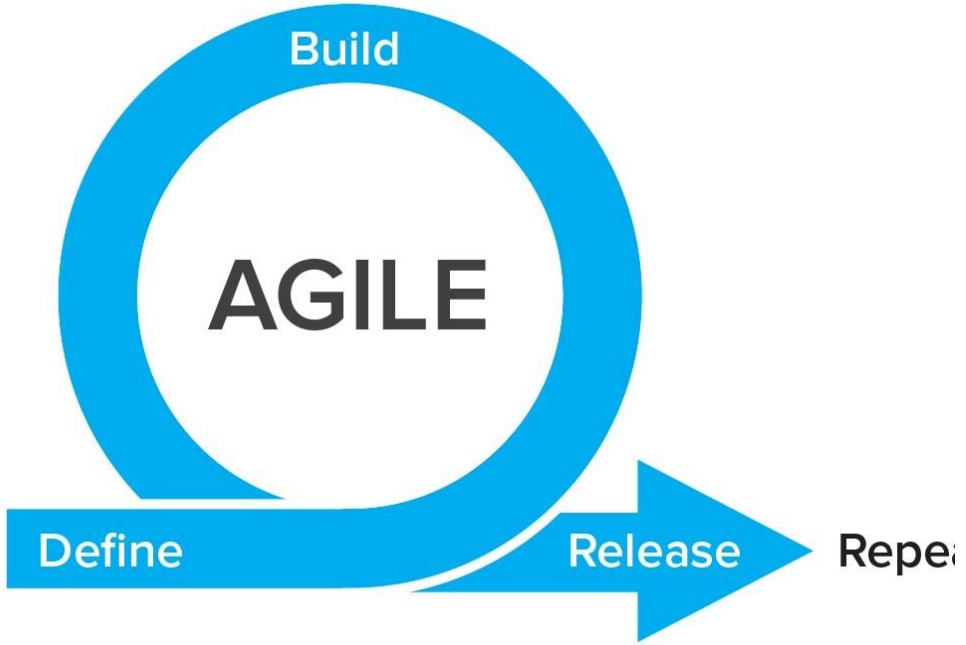




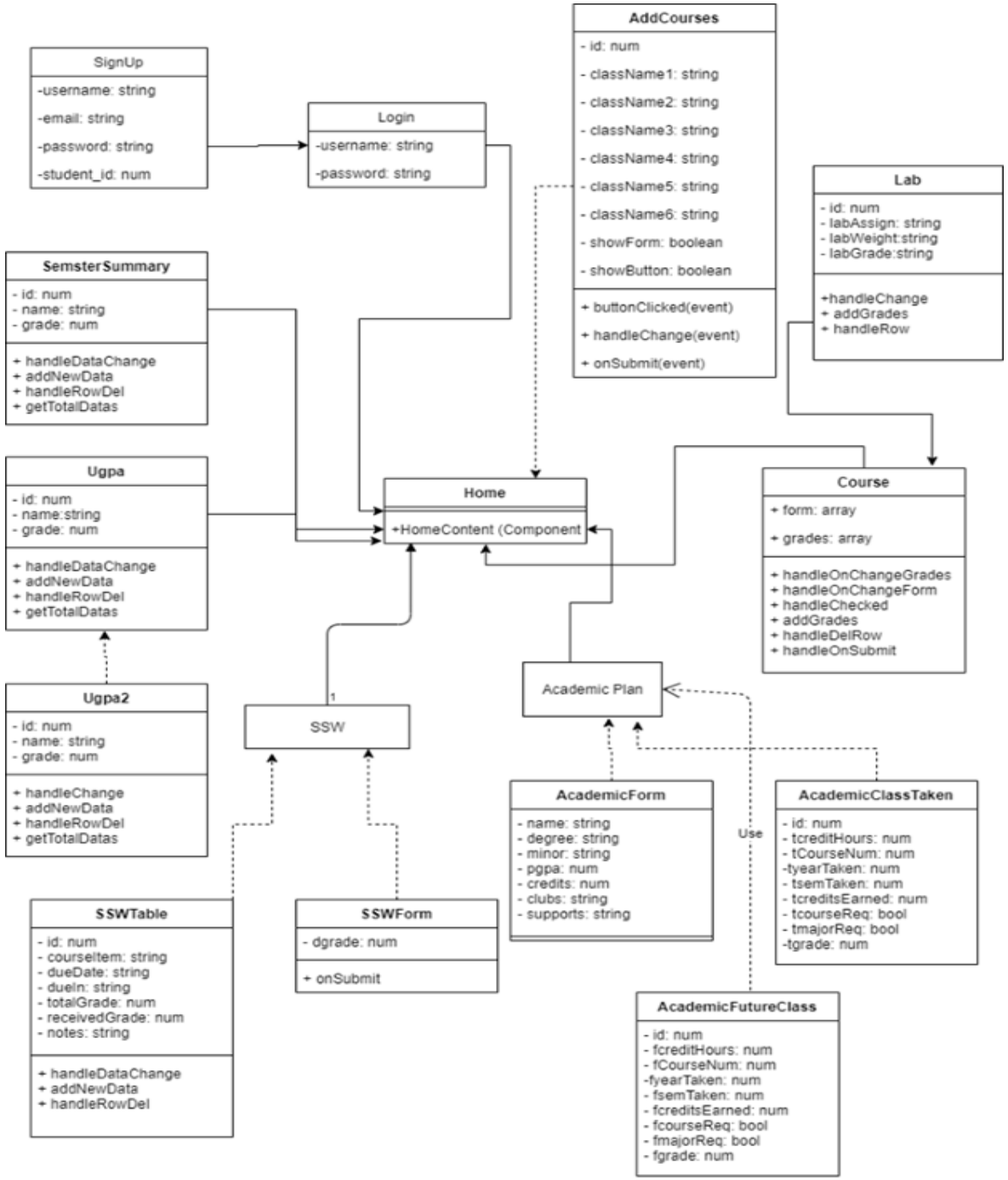
Initial Static WebPages

Methodology

- Initial Plan - Hybrid Waterfall and Agile
- Final Plan – Agile

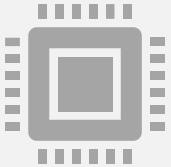


Logical Data Model



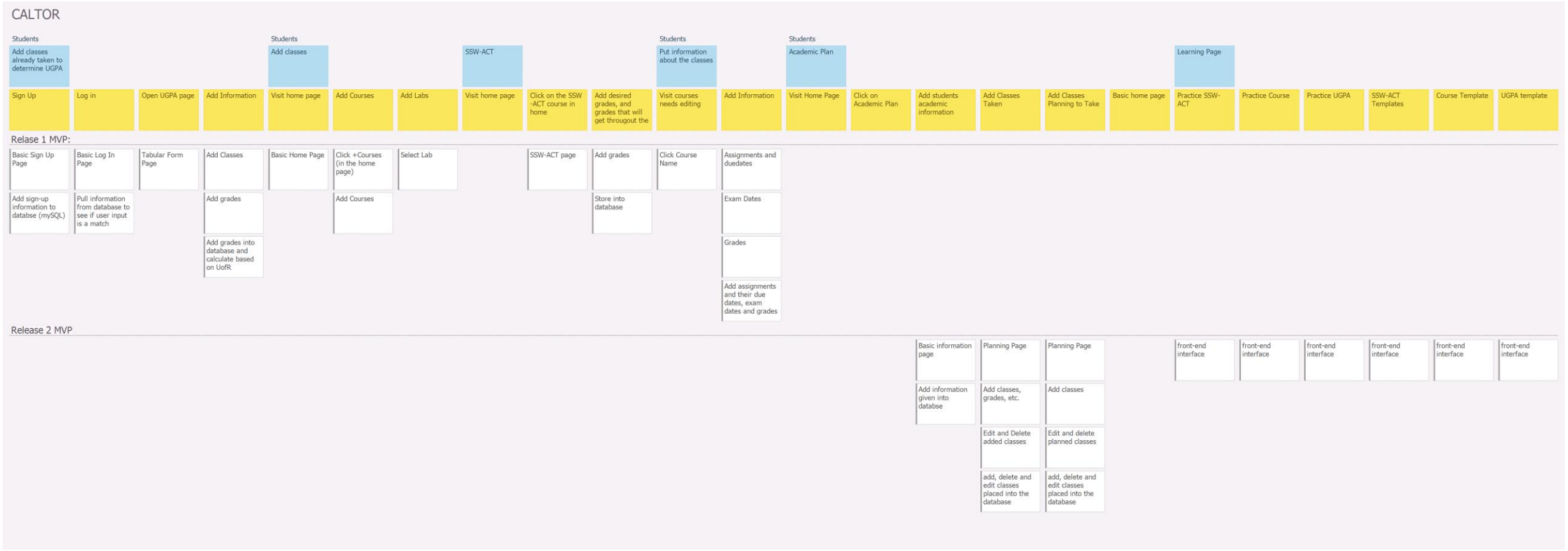
Languages used

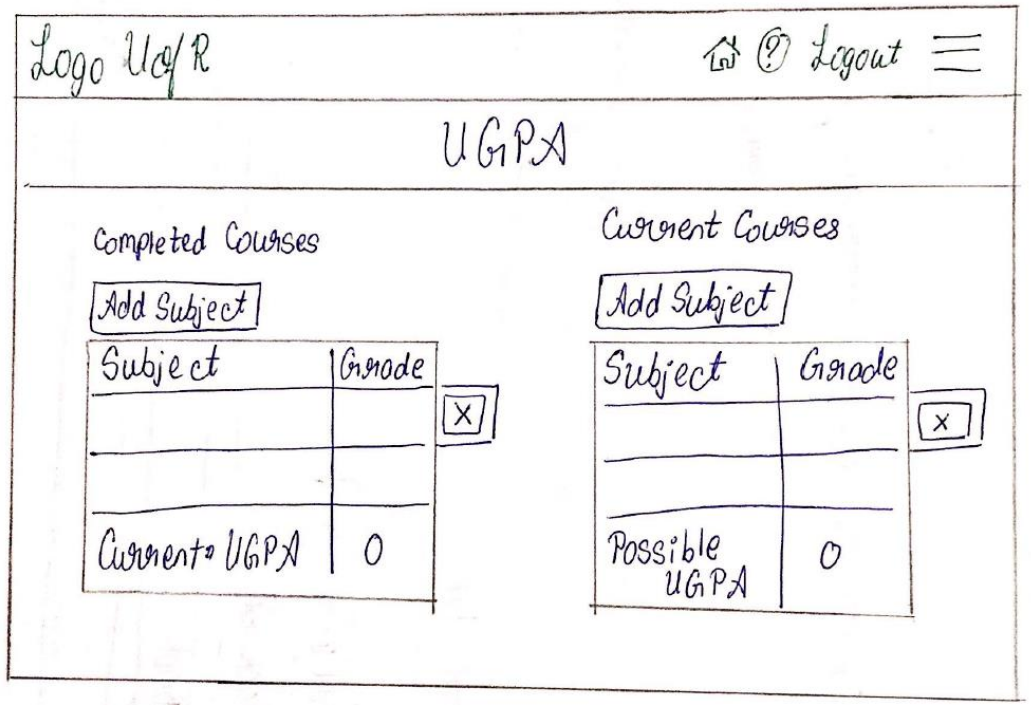
Front end: React JS, and CSS

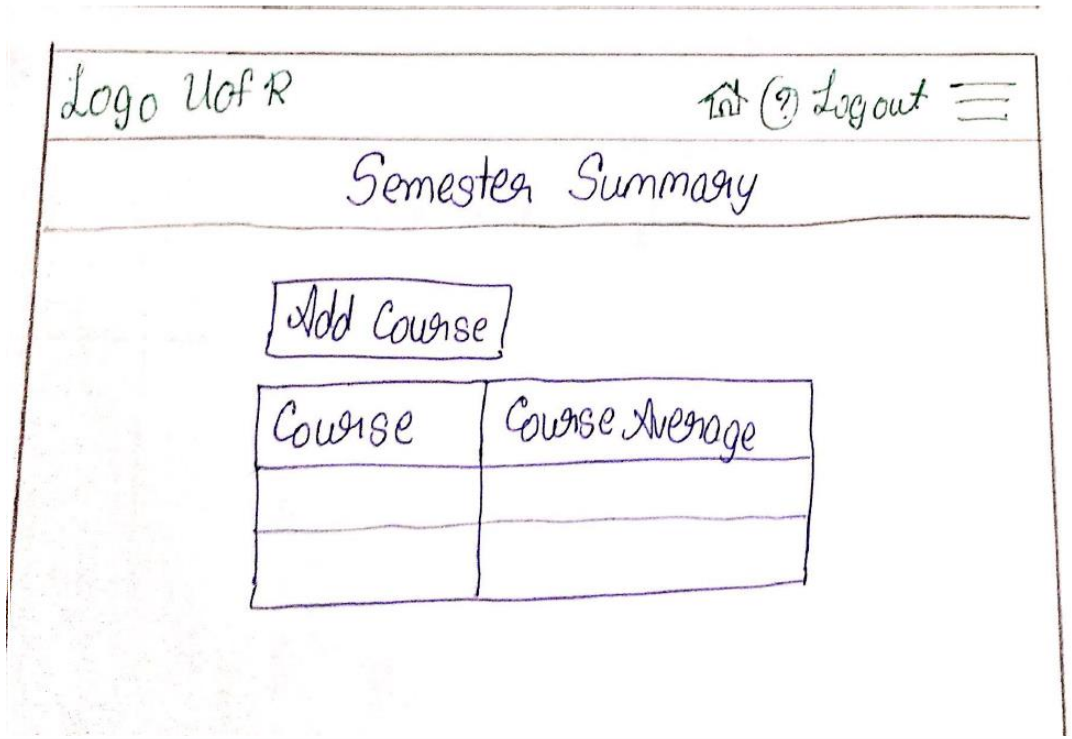


Back end: PHP, and MySQL

Stories on Board







Final Lo- Fidelity

Security and Privacy

Loss or corruption of data

Disclosure of secrets or sensitive information

Disclosure of privileged/privacy information

Corruption of the software or introduction of malware

DEMO

Future Improvements

HAVE ACADEMIC PLAN IMPLEMENTED

HAVE LEARNING PAGE IMPLEMENTED

HAVE THE WEB APPLICATION STORED IN A SERVER

GLAIZA REGONAS

EARL JEDRICK MACALINO

Umangi Patel

THANK YOU

Images References

We can’t: https://www.alamy.com/we-can-self-motivation-cutting-the-letter-t-of-the-written-word-we-cant-so-it-says-we-can-goal-achievement-potential-overcoming-image216284953.html

Assumption: https://www.pmmajik.com/pmo-assumptions/

Constraints: https://www.aesdes.org/2016/03/30/midi-drum-pad-constraints/

Agile: https://medium.com/theagilemanager/a-quick-overview-to-agile-5c87ffc9e0f2