SPRINT 1
Course Feedback Web Guide
Spring 2024
Group #3
Gharam Mansour, Daniel Shin, Kevin Nguyen, Javaris Johnson, Eric Graham, & Justin
Khor
01/22/2024

Section 2:
Ground Rules: Norms 1 to 5
1. Work Norms
   a. Work will be distributed as fairly as possible. If anyone has experience in a certain area of the project, they are more than welcome to take the lead on that subject. Work should be assigned to best fit our team's strengths and experiences.
   b. Deadlines will be created from the facilitator of the sprint.
   c. If someone does not follow through on their commitment, they have a responsibility to communicate to the rest of the group the issue and reason. This gives the group time to adjust workload and accomplish goals.
   d. Work will be done individually based on assignments distributed and will be reviewed by the facilitator before turn in.
   e. Work styles should be communicated to the facilitator to ensure transparency amongst the members.
2. Facilitator Norms
   a. A facilitator will be used in order to review and turn in sprint's requirements.
   b. Facilitators will rotate every sprint and their responsibilities are to ensure everyone is on the same schedule and final review before turn in.
3. Communication Norms
   a. Communication will go through group chat in order to communicate most efficiently.
4. Meeting Norms
   a. A facilitator will be the one to schedule a meeting time that best suits the group's schedule.
   b. Preferences of meeting schedule should be clearly communicated in order to limit miscommunication. This should also be the case if someone is running late.
   c. If someone cannot show up to a meeting, recaps can be done afterwards in order for all members to know what was discussed. If someone cannot show up to multiple meetings, they can opt to do virtual meetings if that better suits their schedule.
5. Consideration Norms
   a. Common etiquette will be the standard at the meetings. As long as members are being respectful of one another there should not be an issue.
   b. If there are any issues with what is going on with the team, facilitators can make sure to give time and space for members to voice their opinions before making any final decisions on the project.

Handling Difficult Behavior
- Not providing input
  - If the group notices anyone not being able to voice their opinion about the direction of the project, the group or current facilitator can make an effort to ask questions and opinions to that person in order for them to feel more comfortable in speaking their mind.
- Argumentative

- If there is anyone that finds themselves on the receiving end of aggressive or argumentative responses from another team member, the group or current facilitator can step up and voice their concern in a mature manner in order to prioritize the project first.

Handling Group Problems
- Group member not doing their part
    - Anyone in the group should feel free to speak to a member if they feel as if they are not doing their assigned portion of the work.
    - Conversations must be respectful and mature.
- Going off planned schedule
    - While being able to be flexible is a good trait, every member should have a good idea of the schedule of the current sprint.
    - If there is any confusion, he/she can ask the facilitator of the current sprint for clarification.
    - If there is any reason as to why someone is or will be behind on schedule, that reason should be communicated as soon as possible in order for the group to not be negatively affected. If there are others that are free, members can help out in order to keep the project schedule on time.

Section 3: Brief resumes

Group 3

Eric, Gharam, Kevin, Justin, Daniel, & Javaris

Summary:

Future software developers working toward education from the prestigious Georgia State University partnering together in the Spring 2024 Software Engineering class.

Technical Skills:

Eric's technical skills: Python, Javascript, HTML, CSS, React

Gharam's technical skills: SQL, Excel, Java, HTML, UML, CSS, Python

Daniel's technical skills: Java, Python, Angular

Justin's technical skills: Java, Javascript, Html, CSS, SQL, FluxCD, YAML, Kubernetes

Kevin's technical skills: Java, Python, HTML, SQL, Familiar with C/C++

Javaris' technical skills: Java, Python, Salesforce, SQL

Relevant Experience:

Gharam's experience: FinTech Internship with Woodvale as a summer analyst

Daniel's experience: SWE internship at ADP

Javaris' experience: SouthFace institute

Education:

*Bachelor Science Computer
Science Georgia State
University*

Section 4: Scheduling and planning table for A1

Assignee Name	Email	Task	Duration (hours)	Dependency	Due Date	Evaluation
Gharam Mansour	mansourgharam @gmail.com	Scheduling and Planning Table, Problem Statement	3 hours	Team Manager	1/24/24 before 5:30pm	Did everything the team member had to do and submitted on time
Javaris	johnson.javaris	Context	4 hours	None	1/24/24	Did

Johnson	@gmail.com	Diagram and Activity Diagram, Problem Statement			before 5:30pm	everything the team member had to do
Eric Howard-Graham	ehowgra@gmail.com	Brief Resume	2 hours	None	1/24/24 before 5:30pm	Did everything the team member had to do
Daniel Shin	danielshiny15@gmail.com	Teamwork Basics	3 hours	None	1/24/24 before 5:30pm	Did everything the team member had to do
Justin Knor	Justinkhor113@gmail.com	Context Diagram and Activity Diagram	4 hours	None	1/24/24 before 5:30pm	Did everything the team member had to do
Kevin Nguyen	nkevin46309@gmail.com	Scheduling and Planning Table, Problem Statement	3 hours	None	1/24/24 before 5:30pm	Did everything the team member had to do

Section 5:Problem Statement ---

1. What is your product, on a high level? Course Feedback created to show a review of what a course entails.
2. Whom is it for? Students, Faculty, & The University
3. What problem does it solve? A database showing evaluations of a course done by students, or anonymous users. This will help students know the details of a course prior to signing up for it. It will emphasize the style of learning in a course, difficulty levels, pace of the course, etc.
4. What alternatives are available? University Websites, and RateMyProfessor are the most two similar alternatives.
5. Why is this project compelling and worth developing? It's useful for students and staff in seeing a course's performance. As a student it is compelling because it will be incredibly useful for preparing you for what a course will be like. It will also help guide students in

what courses are suited best for them. From a developer view point this is worth developing because it will be useful for Universities worldwide, and it will be a lengthy and rewarding project.

6. Describe the top-level objectives, differentiators, target customers, and scope of your product.
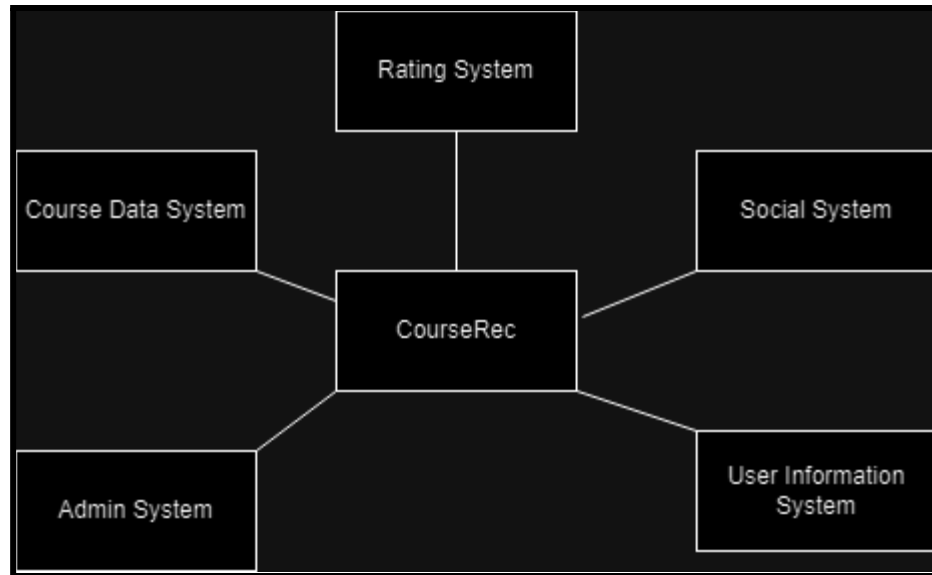The target market is any student, faculty, staff.

The objective is to create an organized database that shows available courses with reviews. We will have a Likert Scale (1-10), as well as open ended feedback sessions for students to rate classes. We will develop key words that will be flagged (good or bad.) Courses will be separated due to major, pre-reqs,etc. Some ways courses will be described is if the course is lecture heavy, lab heavy, project-based, interactive,etc. There will be a rating for each course on whether students recommend taking it or not. There will be options for remaining anonymous or being shown as a user. Whoever isn't anonymous database will show their year, major, grade in course, and hours spent of outside work for a class. Admin powers would be for deans or higher staff as well as the owners of the database. Admin could have powers to delete inappropriate comments and control the comment section.

Differentiator is that this web app is going to be more of a social media app like GroupMe or RateMyProffesor. We want people to be able to connect based on similar interests or majors. Users can message one another and ask about classes. We also want to create a survey given at the beginning when a user makes an account that asks a user's interests as well as style of learning.

7. What are the competitors and what is novel in your approach? University course descriptions, and slightly RateMyProfessor.
8. Make it clear that the system can be built, making good use of the available resources and technology.
9. What is interesting about this project from a technical point of view? Using SQL, creating a Likert Scale, and open end discussion.
10. Do you have a client login and an admin login? Client, Admin, and Anonymous logins.

Section 6: System Requirements --- Follow the context Diagram and activity Diagram

Context Diagram

Activity Diagram

User Authentication

Access CourseRec

Login Type? → Admin → Client

Anonymous

Anonymous Access

Anonymous Access

Viewing Details & Reviews

Stay Anonymous

Browse as Anonymous? — yes

-> Search for Courses;

Admin Authentication

Admin

Admin Login

-> Admin Functions;

Client Authentication

Client Login

New or Existing?

New

Complete Learning Style Survey

-> Search for Courses;

Course Interaction

Search for Courses

View Course Details and Reviews

Is Client?

Yes   admin or anon

Client Social Interaction

Engage in Social Features

Message Other Users

Connect Based on Interests or Course History

User Profile Management

Is Client?

Yes

Client Profile Management

Manage Profile and Course History

Indicate and Update Learning Preferences

Review and Rating System

Is Client or Anonymous?

Yes

Client Review and Rating

View Course Ratings and Comments

Upvote or Downvote Reviews

Contribute to Course Difficulty Ratings

Review and Rating System

Is Client or Anonymous?
Yes

Client Review and Rating

View Course Ratings and Comments

Upvote or Downvote Reviews

Contribute to Course Difficulty Ratings

Analytics and Reporting

Is Admin?
Yes

Admin Reporting

Generate Reports on Course Feedback

Identify Trends and Patterns