
EE/CprE/SE 491 WEEKLY REPORT 3

02/14/2022 - 02/20/2022

Group Number: 6

Project Title: JA Time Management App

Client: Jewels Academy

Faculty Advisor: Rachel Ann Shannon

Team Members - Role:

Adrian Van Der Veer - Team Organization

Olusola Ogunsola - UI Design

Ben Hourigan - File Consistency/Organization

Christopher Burgos - Client interaction

Theron Gale - Individual Component Design

Weekly Summary:

- Created Survey for students
 - The survey will use quantitative research to gather information from current students of Jewels Academy on what will be best to include in the application.
- Product Benchmarking:
 - Adrian - Google Calendars
 - Ben - Outlook
 - Chris - MyState
 - Sola - Trello
 - Theron - Canvas
- Design model
 - Created a skeleton for page list
 - Thought of questions needed to be answered
 - Theorized some possible ways to go with the project
 - Drew some designs
 - Overview of project

Past Week Accomplishments:

- Created a draft feedback survey to gather information on our design UIs and other information - Adrian, Sola, Chris

The image shows a screenshot of a survey form titled "Student Survey For App". The form is divided into four sections, each with a question and a "Long answer text" input field. The first section is titled "UI Design for application". The second section asks "What are some things you do daily that you would like to track?". The third section asks "Do you use anything to help you manage your time or track your activity's?". The fourth section asks "Is there anything specific you would like in the application? Capability and features etc. reword".

Student Survey For App

UI Design for application

Long answer text

What are some things you do daily that you would like to track?

Long answer text

Do you use anything to help you manage your time or track your activity's?

Long answer text

Is there anything specific you would like in the application? Capability and features etc. reword

Long answer text

What type of apps do you use on a regular basis?

Long answer text

What features of those apps do you like?

Long answer text

What type of feature would be the most beneficial for you in a time management app? May be the same question as the second

Long answer text

What are some annoying app features that you've experienced? (Ex. Ada)

Long answer text

What kind of device would you access applications on?

Iphone

Laptop/Computer


Android

Mac device

Tablet device (ex. iPad)

Other...

UI Design - Rating



Rate the image above *

1. 1

2. 2

3. 3

4. 4

5. 5

6. 6

7. 7

8. 8


9. 9

10. 10

For UI 1 what did you like? What did you dislike?

Long answer text

UI 2



Rate the image above *

1. 1

2. 2

3. 3

4. 4

5. 5

6. 6

7. 7

8. 8

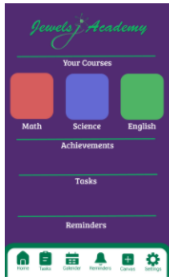
9. 9

10. 10

For UI 2 what did you like? What did you dislike?

Long answer text

UI 3



Rate the image above *

1. 1

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4. 4

5. 5

6. 6

7. 7

8. 8

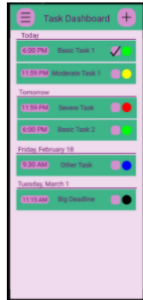
9. 9

10. 10

For UI 3 what did you like? What did you dislike?

Long answer text

UI 4



Rate the image above *

1. 1

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3. 3

4. 4

5. 5

6. 6

7. 7

8. 8

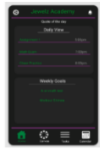
9. 9

10. 10

For UI 4 what did you like? What did you dislike?

Long answer text

UI 5



Rate the image above *

1. 1

2. 2

3. 3

4. 4

5. 5

6. 6

7. 7

8. 8

9. 9

10. 10

For UI 5 what did you like? What did you dislike?

Long answer text

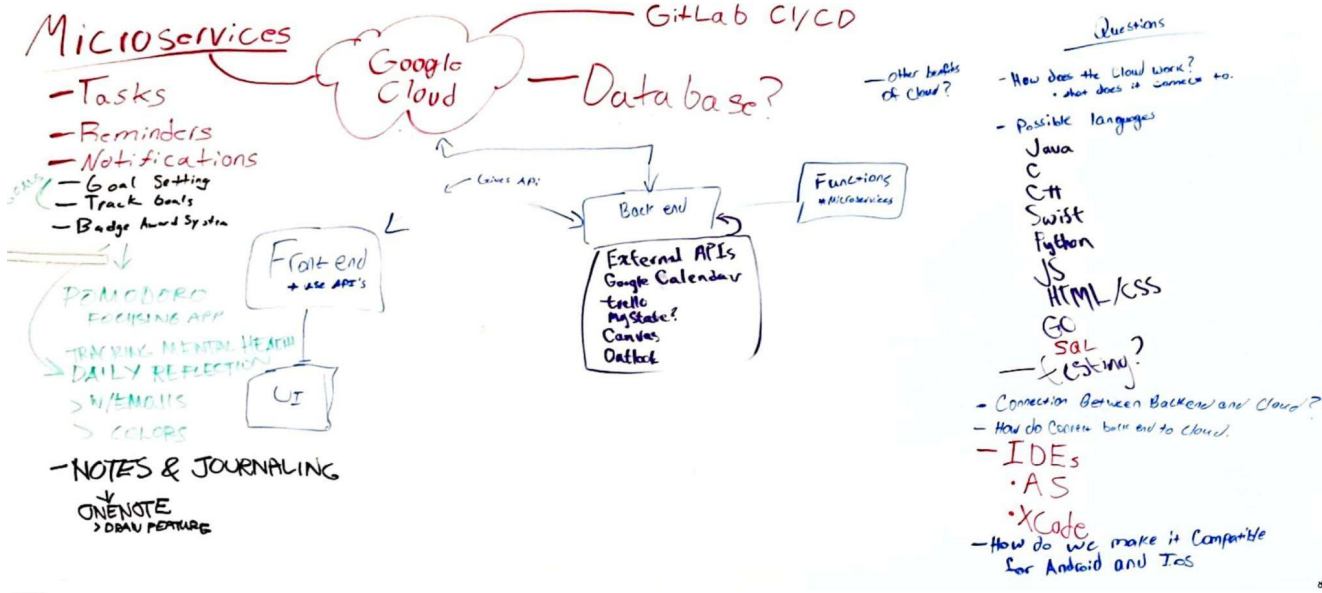
● Completed product benchmarking for similar apps suggested by our client - All

Product Name	Product Features	Integration
Google Calendar	<ul style="list-style-type: none"> ● Variable Timeframes ● Schedule Goals (scheduled for the user with preferences) ● Schedule reminders ● Schedule events in advance 	Has API Integration for <ul style="list-style-type: none"> ● Javascript ● Java ● .NET ● Node.js

	<ul style="list-style-type: none"> ● Schedule a Task to be completed ● Show to do list with tasks, holidays, reminders, and events ● Light/Dark Theme ● Simple Design ● Easy to use 	<ul style="list-style-type: none"> ● PHP ● Python ● GO ● Android ● IOS
Trello	<ul style="list-style-type: none"> ● Task lists (To do, doing, done) ● Simple UI ● Search feature ● Notifications ● Workspaces/ Team workspaces ● Upload attachments ● Scan documents ● Comments ● Similar to GIT issues, however, there's no code integration. The app's purpose is strictly for task management and organization 	API Integration: <ul style="list-style-type: none"> ● cURL ● Node.js ● Java ● Python ● PHP
MyState	<ul style="list-style-type: none"> ● Dashboard ● Weather ● Schedule ● Busses ● Map ● Events ● Easy to use ● Simple UI 	API Integration: Getting in contact with MyState department
OutLook	<ul style="list-style-type: none"> ● Calendar ● Meeting reminders ● Schedule recurring events ● Create groups to collaborate with ● Communication with microsoft teams for online meetings ● Application for taking notes ● Email communication ● Create to-do lists 	API integration: <ul style="list-style-type: none"> ● REST ● Allows for many different languages and IDE ● Pretty much any popular language
Canvas	<ul style="list-style-type: none"> ● Schedule Goals (both scheduled and not scheduled by user) ● Schedule reminders/events ● To-Do list view (mobile only) ● Calendar and day-to-day views ● Course Separation ● Each course has its own page & modules ● Grouping System ● Inbox System ● File Upload/Download System 	Has its own API to integrate Shown integration with: <ul style="list-style-type: none"> ● Node.js ● Javascript ● Python

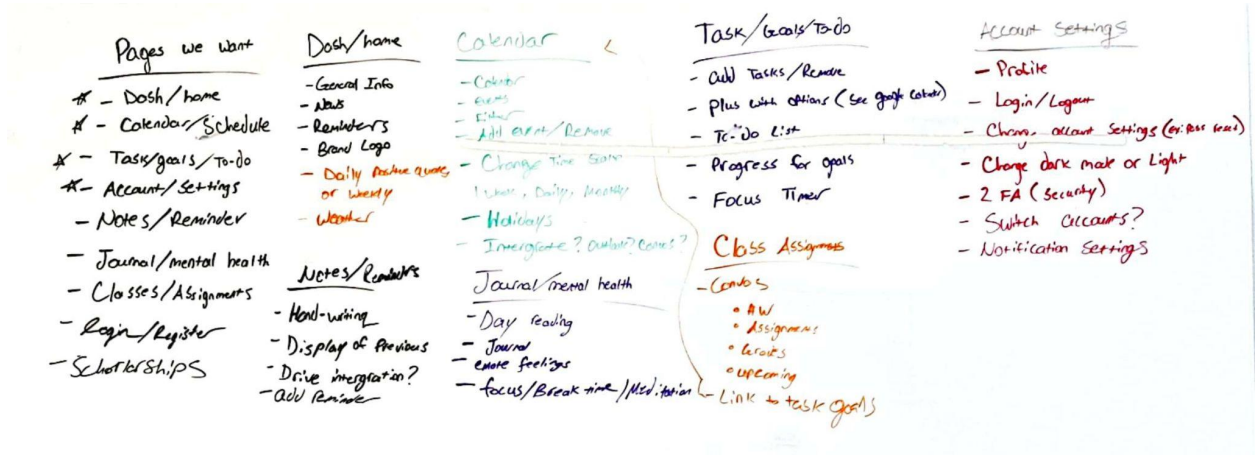
	(Canvas Studio) <ul style="list-style-type: none"> ● Personalized Accounts System ● Grades System ● Clean and Mostly Simple Design ● Mostly easy to use 	
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- Created a mind map of the theoretical architecture that the app will use - All



CS Scanned with CamScanner

- Created a basic function layout as well as their constituent functionalities - All



CS Scanned with CamScanner

Pending Issues:

- Organizing a time to meet with Jewels Academy students in order to conduct the UI and app feature survey.

Individual Contributions:

<u>Name</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>Hours Cumulative</u>
Adrian Vanderveer	Attended weekly meetings, participated in the drafting of design sketches, and layouts, completed product benchmarking for google calendar. Participated in creating the feedback survey for UI design.	5	16
Christopher Burgos	Attended weekly meeting, participated in the drafting and design for sketches and diagrams, participated in idea model, created google survey questions for students.	5	16
Theron Gale	Attended weekly meetings; participated in design sketches and layout drafts; completed product benchmarking for Canvas	3	13
Ben Hourigan	Participated in Making the design sketches for the app UI. Project benchmarking for Outlook.	3	13
Olusola Ogunsola	Attended weekly meetings, participated in design and architecture sketches, product benchmarking for Trello.	3	13

Plans for the Upcoming Week:

Our group will finalize the survey with any edits necessary and schedule a time to get that sent to the students to gather feedback for the UI design of the application. Our group will also work towards creating a refined scope document as mentioned in our client meeting with the finalized ideas of the overall scope of the project refined from the basic function layout and architecture design.

Business Methodology

In order to conduct an efficient and effective implementation of our project, we will be using the Agile/SCRUM development methodology. This approach will be appropriate for this type of application because it will most likely take several iterations of development in order to produce an application that fulfills our client's requirements. During the software development life cycle of an application whose requirements are rather ambiguous during the planning stage, many unforeseen development obstacles may arise. By communicating with our client on a weekly basis, our group will be able to ensure that we deliver a product that is well designed and exceeds the expectations of our stakeholders.

Summary of the Weekly Advisor Meeting:

This week in our group's faculty advisor meeting there was a recap of the previous week's progress using our created survey that will be sent to students as a guide. From the weekly recap our group along with our faculty advisor discussed the specifics of the general idea of the project functionally from screens to specific functions that will be used as the basis for a refined scope document as well as a mind map of the architecture that the project will need and upon which platforms the project could be built given our team. Sketches of our planning meeting can be seen above in the past week accomplishments section of this document.