10/31 Weekly Journal

There was a problem to each of our schedule where no one is free at the certain time for a meeting to occur. I propose a solution of trying to get everyone schedule and gather it together. Even with that I didn't solve our problems. Why is this a problem? We need an available time for the team lead to be able to participate in the meeting with sponsor. Team lead has missed out on the meeting with the sponsor about a few times already. How did we solve this? I proposed and discussed this with one of my team members where he proposed an idea of switching roles this way, he knows what is going on and can look over the team. He discussed it with me, and I agree that would be a great solution therefore we can have someone that can lead and knows what is going on and make the team stay on track. How did I solve this? I found the problems and bring it up before it is too late.

As the team is getting close to November and we still haven't had a schedule in plan to get the project rolling. I found this is a problem. We need to build a timeline of what is going to happen this way everyone can get on track. At first this job was tasked to one of our team members and I tried suggesting what needed and if there is any problem. Asked the team members. When the due date for the timeline came the project timeline didn't came out as it suppose to be. So, I decided to take over the project and with the help of Dan to wrap up the timeline. I have made the draft and we just meet up to get it done. (Will provide a screen shot below). As still right now I will make some adjustment to the timeline and will present it to the team and Tabor.

Learning Figma was a challenge at first but after a while of messing around it became a bit easier. Using templates that is provided and the tools I was able to start on the Block diagram assignment. Now, I am working on the Wireframe for the project and further on the way will make the mockup diagram.

I have not used GitHub much nor mess around with it. I have created my first personal repository and I did clone and update it. I am currently learning the command and understand how GitHub work. This way I when I do the front-end of the development, I don't struggle with putting the code on GitHub.

My current Goals is to learn JavaScript's and React Native. I am slowly trying to learn while balancing schoolwork at the same time. So, by the end of this semester the plan for front-end members will be start the development progress. This way if there are any problems, we can make sure to address it early and not later. This shouldn't be hard as I already did HTML & CSS & JS before. But for React Native will be a challenge but hopefully it won't be too difficult to pick up.

Project Timeline Screenshot:

1. Idea Formulation and Research (2-3 weeks)
2. Specifications and Design (2-4 weeks)
3. App Architecture and Development (3-6 months)
4. Testing and Finalizing (3-6 weeks)

The total time period for this Project - August 2021 - May 2022 (9 months)

Project Planning: (2 - 3 months)

1. Development team selection (7d)
    a. Get team members skill sets
2. Draft concept (7d)
    a. Project ideas
3. Draft features (14d)
    a. Must-haves
    b. Nice to haves
    c. Define main issues to solve
4. Define Vision (21d)
    a. Planning and Goals
    b. Question/Answer/Solution
    c. Gathering and Analyzing
5. Research (14d)
    a. Software, hardware, operating system.
6. Technology Selection (7d)
    a. Framework
    b. Language
    c. API's
    d. Component and Library
7. Define platform (12d)
    a. IOS
    b. Android

Research: (2 weeks)

1. Users
    a. Define target users
    b. Define target group
2. Draft the cost of tools will be use on the app
    a. How much are the tools cost (cert cost, subs cost, etc.)
3. Define a budget for the app
    a. Determine an amount cost to build an app
4. Define Price
    a. Price arrangement, what is the average cost?

   b. Interface sample
2. Define UI/UX (30d)
   a. Create UI / UX design
   b. Analyze what is needed to be in there
3. Fix UI/UX issues (7d)
   a. Touch up on possible changes
   b. Internal testing
4. Testing and Deployment (
   a. Deploy to Sponsor
   b. Get approval
5. Solve errors
   a. Errors occur during Mockup and design (back to step 4)

Development: (2 - 5 months)

1. Front-end development
   a. Multi-Platform Development
      i. IOS and Android - using React Native
   b. Navigation
   c. Graphics
   d. Testing
      i. Internal testing - verify that the application components have the approved appearance and that they are functioning properly.
2. Back-end development
   a. Databases
      i. Firebase or some other methods of Database
      ii. Set up

Testing and debugging

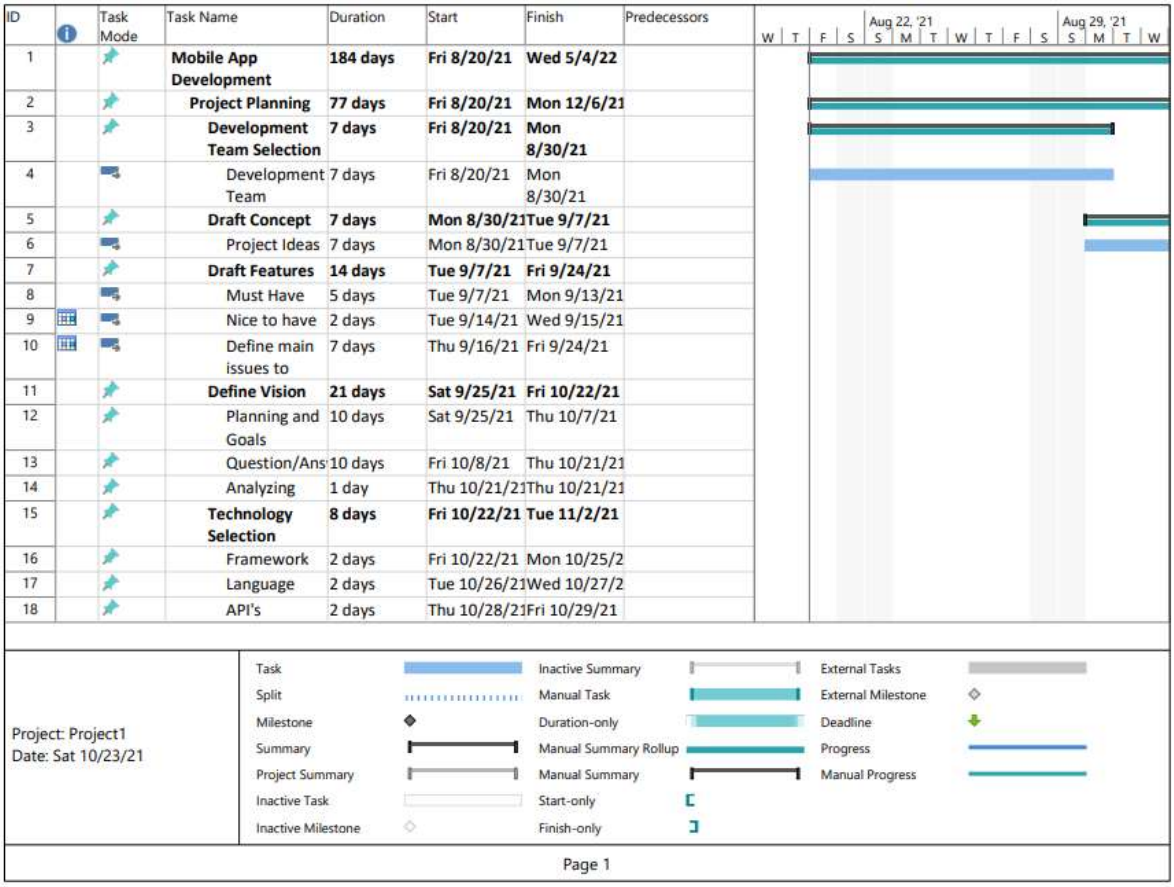
   b. Functional testing - examining the output of the functional components and comparing it to the specifications. The purpose is to assure that the developed product conforms to the initial specifications
   c. Integration Testing - individual components of the software are tested together to see whether they are integrated properly and whether the data is shared as expected
   d. Unit Testing - Verifying the performance of the smallest software units. During unit testing, the performance of each unit is checked and validated
   e. Bug fixing - when errors and issues found during the testing steps are fixed and then verified by re-testing
3. Refinement

Deployment: (all depends on Tabor team)

1. Register
2. Get approval for the app
3. Launch app on the store

Improves: (1 - 3 weeks)

1. Survey users
2. Analyze app analytics and gather data
3. Get feedback from users
4. Fix possible issues

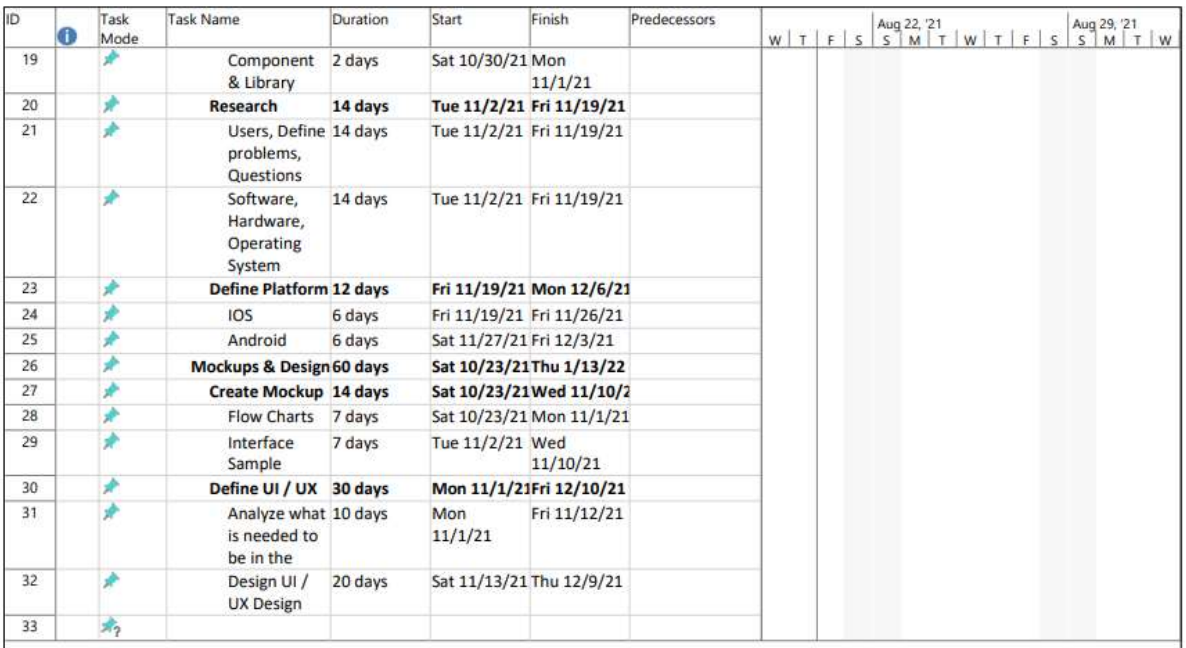


ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
1		**Mobile App Development**	**184 days**	**Fri 8/20/21**	**Wed 5/4/22**	
2		**Project Planning**	**77 days**	**Fri 8/20/21**	**Mon 12/6/21**	
3		**Development Team Selection**	**7 days**	**Fri 8/20/21**	**Mon 8/30/21**	
4		Development Team	7 days	Fri 8/20/21	Mon 8/30/21	
5		**Draft Concept**	**7 days**	**Mon 8/30/21**	**Tue 9/7/21**	
6		Project Ideas	7 days	Mon 8/30/21	Tue 9/7/21	
7		**Draft Features**	**14 days**	**Tue 9/7/21**	**Fri 9/24/21**	
8		Must Have	5 days	Tue 9/7/21	Mon 9/13/21	
9		Nice to have	2 days	Tue 9/14/21	Wed 9/15/21	
10		Define main issues to	7 days	Thu 9/16/21	Fri 9/24/21	
11		**Define Vision**	**21 days**	**Sat 9/25/21**	**Fri 10/22/21**	
12		Planning and Goals	10 days	Sat 9/25/21	Thu 10/7/21	
13		Question/Ans	10 days	Fri 10/8/21	Thu 10/21/21	
14		Analyzing	1 day	Thu 10/21/21	Thu 10/21/21	
15		**Technology Selection**	**8 days**	**Fri 10/22/21**	**Tue 11/2/21**	
16		Framework	2 days	Fri 10/22/21	Mon 10/25/2	
17		Language	2 days	Tue 10/26/21	Wed 10/27/2	
18		API's	2 days	Thu 10/28/21	Fri 10/29/21	

Project: Project1
Date: Sat 10/23/21

Task
Split
Milestone
Summary
Project Summary
Inactive Task
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Progress
Manual Progress

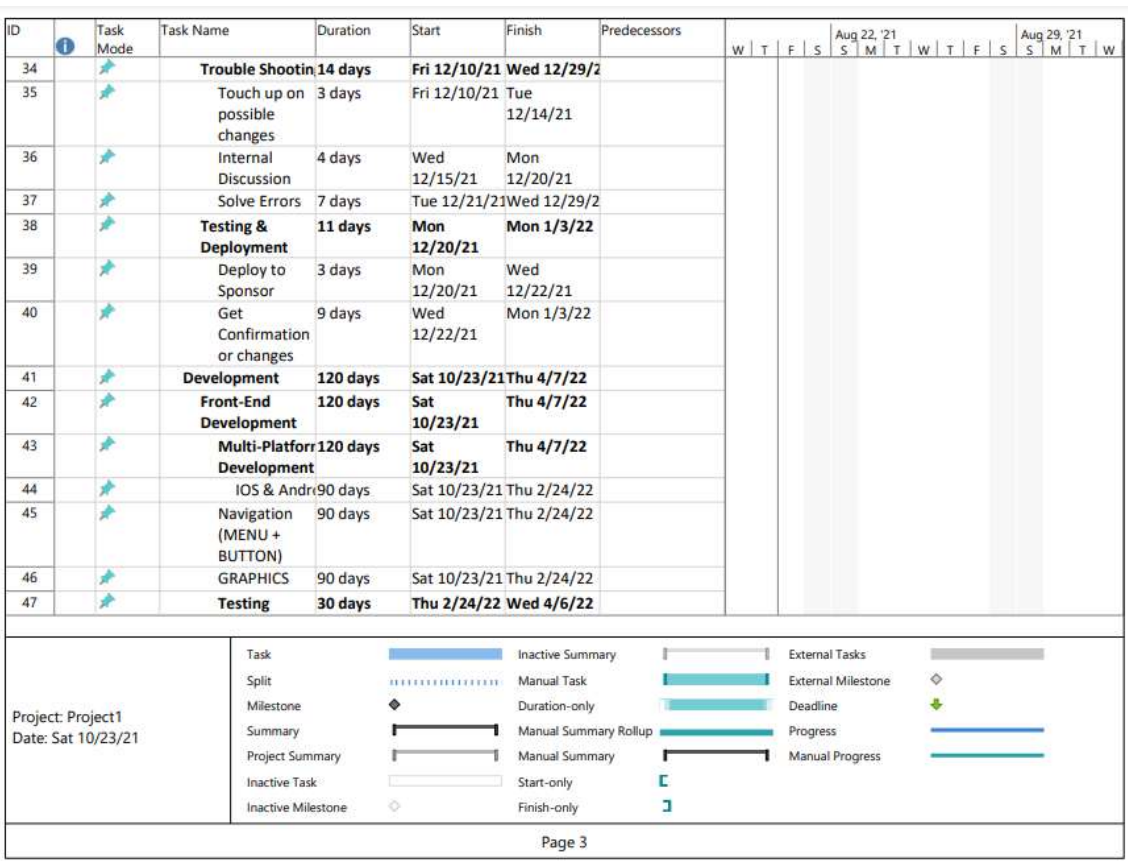
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
19		Component & Library	2 days	Sat 10/30/21	Mon 11/1/21	
20		**Research**	**14 days**	**Tue 11/2/21**	**Fri 11/19/21**	
21		Users, Define problems, Questions	14 days	Tue 11/2/21	Fri 11/19/21	
22		Software, Hardware, Operating System	14 days	Tue 11/2/21	Fri 11/19/21	
23		**Define Platform**	**12 days**	**Fri 11/19/21**	**Mon 12/6/21**	
24		IOS	6 days	Fri 11/19/21	Fri 11/26/21	
25		Android	6 days	Sat 11/27/21	Fri 12/3/21	
26		**Mockups & Design**	**60 days**	**Sat 10/23/21**	**Thu 1/13/22**	
27		**Create Mockup**	**14 days**	**Sat 10/23/21**	**Wed 11/10/2**	
28		Flow Charts	7 days	Sat 10/23/21	Mon 11/1/21	
29		Interface Sample	7 days	Tue 11/2/21	Wed 11/10/21	
30		**Define UI / UX**	**30 days**	**Mon 11/1/21**	**Fri 12/10/21**	
31		Analyze what is needed to be in the	10 days	Mon 11/1/21	Fri 11/12/21	
32		Design UI / UX Design	20 days	Sat 11/13/21	Thu 12/9/21	
33						



Project: Project1
Date: Sat 10/23/21

Task	Inactive Summary	External Tasks	
Split	Manual Task	External Milestone	
Milestone	Duration-only	Deadline	
Summary	Manual Summary Rollup	Progress	
Project Summary	Manual Summary	Manual Progress	
Inactive Task	Start-only		
Inactive Milestone	Finish-only		

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
34		**Trouble Shootin**	**14 days**	**Fri 12/10/21**	**Wed 12/29/2**	
35		Touch up on possible changes	3 days	Fri 12/10/21	Tue 12/14/21	
36		Internal Discussion	4 days	Wed 12/15/21	Mon 12/20/21	
37		Solve Errors	7 days	Tue 12/21/21	Wed 12/29/2	
38		**Testing & Deployment**	**11 days**	**Mon 12/20/21**	**Mon 1/3/22**	
39		Deploy to Sponsor	3 days	Mon 12/20/21	Wed 12/22/21	
40		Get Confirmation or changes	9 days	Wed 12/22/21	Mon 1/3/22	
41		**Development**	**120 days**	**Sat 10/23/21**	**Thu 4/7/22**	
42		**Front-End Development**	**120 days**	**Sat 10/23/21**	**Thu 4/7/22**	
43		**Multi-Platforr Development**	**120 days**	**Sat 10/23/21**	**Thu 4/7/22**	
44		IOS & Andr	90 days	Sat 10/23/21	Thu 2/24/22	
45		Navigation (MENU + BUTTON)	90 days	Sat 10/23/21	Thu 2/24/22	
46		GRAPHICS	90 days	Sat 10/23/21	Thu 2/24/22	
47		**Testing**	**30 days**	**Thu 2/24/22**	**Wed 4/6/22**	



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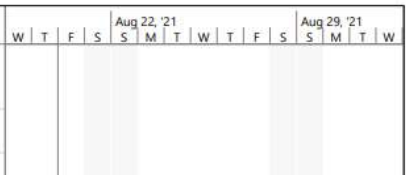
ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors
48		Internal Testing & Verifying	30 days	Thu 2/24/22	Wed 4/6/22	
49		Feedback &	30 days	Thu 2/24/22	Wed 4/6/22	
50		**Back-End**	**120 days**	**Sat**	**Thu 4/7/22**