SENIOR DESIGN II (EE/CPRE/SE 492), Fall 2017 Iowa State University

1. Brief summary of the activities in the last two weeks

During the last two weeks we meet with our advisor and client. During our meeting with our advisor he suggested that we ask our client to redefine his functional and nonfunctional requirements. We had a general knowledge of what our client wanted to do but the specific details in terms of layout and functions needed more clarification. During our meeting with our client, we established the functional and nonfunctional requirements that he wanted for the application. We were able to answer all of our questions and clarify end game of our application. However, while meeting with our client he decided that since all of his other applications are web based he would now like our iOS application to convert to a web application. Since he is our client, we agreed to switch over to a web application. As we know there are only 9 weeks left of the semester, we know it going to be a challenge to convert a web based application. However, all of our members are experienced in web development and feel comfortable accomplishing the conversion and adding new features. We are confident that we can handle switching our project.

We met this wednesday to discuss the new path of our development, we went over what technology that was available and discussed what would work for our application. We decided to use JavaScript + React + React Native + Bootstrap + HTML5 + CSS3 and Firebase. We also redid our functional and nonfunctional requirements to work with our new platform. Lastly, we created a development schedule (attached below). We plan to have a bare bones web application up and running by sunday.

2. Status-summary of the extra credit homework(s) that are due week#10

We have to restart the homework because of the change in our project. We plan on starting it next week.

3. Any exceptions that could affect the demo/presentation

We are completely starting over on a new platform. However, if we stick to our schedule we will be able to complete the project on time.

4. Any items more-remotely related to the project that need to be discussed

No, at this time we have everything planed out.

Week	Development	Assignments
Week 6 - Sept 25	- JS & React Research - Setup Git Repository - Setup Firebase Project - Generate App Boiler Plate - Trello Planning	- Bi-Weekly Report I
Week 7 - Oct 2	- Create Screen Sketches - Finish Boiler Plate App - Bootstrap Integration - Firebase Integration - React Components	
Week 8 - Oct 9	- Authentication System - Firebase System - Finish Login & Home	- Bi-Weekly Report II
Week 9 - Oct 16	- My Medications Story - Create Forms/Views - Generate Backend - Data Persistance	- Extra Credit I
Week 10 - Oct 23	- Apply Medication Story - Create Forms/Views - Generate Backend - Data Persistance	- Bi-Weekly Report III - Extra Credit II - Town Hall Meeting
Week 11 - Oct 30	- History/Analytics Story - Create Forms/Views - Finalize Backend - Filtering/Optimization	- Setup Meeting with Prof
Week 12 - Nov 6	- Application Polishing - Final Report Draft - Final Presentation Draft	
Week 13 - Nov 14	- Application Polishing - Final Report Draft - Final Presentation Draft	
THANKSGIVING Week 14 - Nov 27 Week 15 - Dec 4 (Dead) Week 16 - Dec 11 (Finals)	THANKSGIVING - Finalize Application - Finalize Final Report - Finish Final Presentation - Final Presentation Prep	THANKSGIVING - Report & Presentation Draft - Final Report & Presentation

Week 6 9/25 - 9/29	Current	
Week 7 10/2 - 10/6	Firebase Connection & Boiler Plate & Trello	Weekly Report
Week 8 10/9 - 10/13	My Medications Form	
Week 9 10/16 - 10/20	My Medications w/ Firebase Finished	Weekly Report
Week 10 10/23 - 10/27	Apply Medication Form	
Week 11 10/30 - 11/3	Apply Medication w/ Firebase Finished Individual meetings with each group	Weekly Report
Week 12 11/6 - 11/10	History/Logs View	Extra Credit HW
Week 13 11/13 - 11/17	Filing History/Logs	
Thanksgiving Break 11/20 - 11/24	Spare	Poster Work
Week 14 11/27 - 12/1		Project Poster Due
Week 15 12/4 - 12/8		Final Report Due
Week 16 12/11 - 12/15	Final IRP presentation and demos (Thu-Fri); Final report/presentation to client	