**Iteration 1 Closeout**

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During Iteration 1, we successfully completed all of the documentation, including the Project Charter and the Requirements Document, and made headway on the Project Plan, which is due during the next iteration. Furthermore, the front end UI was sketched out. The next step will be to create an interactive prototype with InVision or similar software. The environment setup and initial coding were also completed. Due to scheduling issues and the team’s overall lack of experience with the required technologies, we were unable to finish setting up and connecting to the database and hosting the site on Google Cloud. We hoped to have a vertical prototype of the full stack, but we are confident that this will be completed during the first week of the next iteration.

The team’s biggest risk during this iteration was the overreliance on our technical lead programmer, who set up the environment and the front end. Scheduling issues meant that we could not be present during these initial steps as she was out of town or had work commitments. However, the risk was mitigated by independently researching full-stack development and creating an alternative app, albeit written in Java instead of C# and using a different framework and database. This app was a vertical prototype and not written specifically for this project, but it could be utilized in case of a serious problem with the current stack. Had this iteration been postponed by a week, we may have chosen to go ahead with this alternative framework despite the project sponsors’ preference of C# and .Net.

Overall, the iteration was mostly successful. We were able to divide work amongst the group members; however, our technical lead programmer took on the brunt of the coding tasks. With the initial environment set up, the team can divide up tasks more efficiently and begin coding together. In future iterations, with the coding work more evenly divided, our risk will be better mitigated.