

Description of The Team's Technical Skills and the Goal Of the Project

BRIMS Software is a 5 member team. We consist of: a senior CS major, a junior CS major, a sophomore CS major, a sophomore SE major, and a freshman SE major. One of us has professional software development experience, most of it in testing and another took CSE 385 Database Systems in a previous semester. A big technical limitation was that none of us had much GUI experience. The one who took the lead was familiar with a Java based GUI builder called OpenJFX FXML11, however this has a very steep learning curve so the four of us who weren't experienced with it were next to useless on that side. We used a SQL database and made connections using JDBC (which we had to learn on the fly). We utilized Professor Stahr as a major database resource as that was the area we struggled with the most.

When the prompt asks us to explain the learning goals of this project, we assume it is discussing gaining experience with the software development cycle. One of us was familiar with Jira as a task management system so we decided to use it. When we first created our different stories and tasks we did not break them apart enough. However, this improved with each subsequent iteration of the project. We did a decent amount of testing, though no TDD as it was described as time consuming, and time was a resource in short supply.

Description Of Any Bonus Objectives Completed

- We used an SQL server database that was locally hosted, however the application isn't currently able to be used over the web or on a mobile device.