

Abstract:

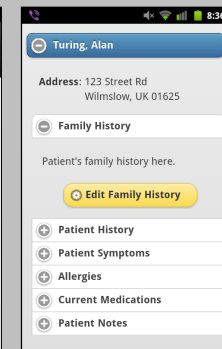
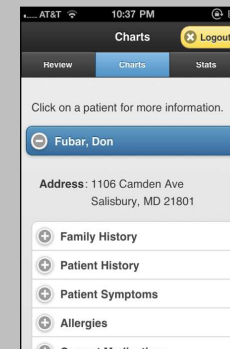
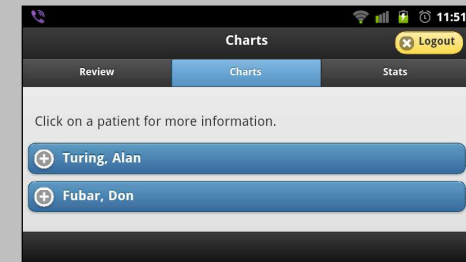
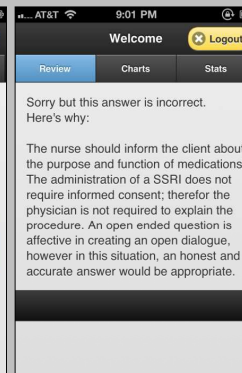
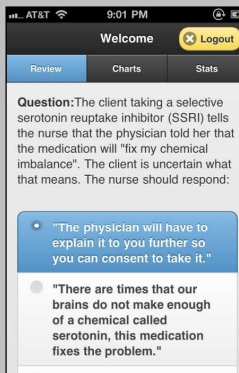
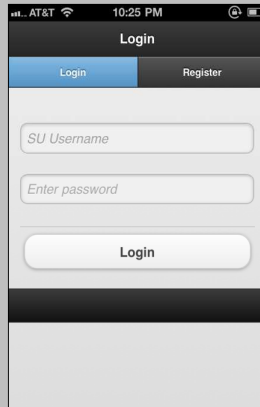
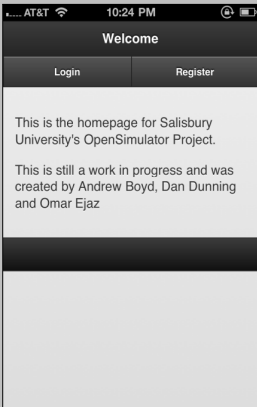
The goal of our project is to create a mobile application for nursing education and healthcare. In this project, we create a mobile interface through that users can input health information, answer questions, and take quizzes. The user performance will be reported through statics charts. We also create a database system that maintains user information and generates random questions.

Review:

- Questions relevant to registered nurse exam
- One random question presented at a time
- Flexible number of answers, up to answer creator
- Questions and answers used from rnquiz.com [4]

Charts:

- Used in junction with specified scenario and student.
- Accessible from mobile phone.
- Allow student to have multiple patients/scenarios.

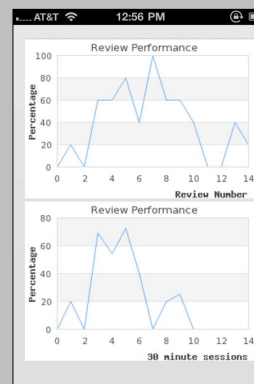
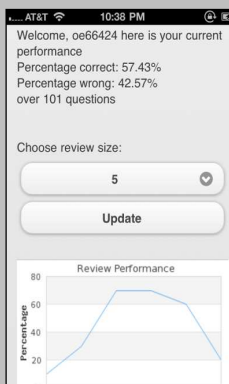


Methods:

1. JQuery Framework [1]
2. Mysql Database [2]
3. PHP: Hypertext Preprocessor [3]

Statistics:

- By time session
- By sample size
- Allows users to gauge their progression



Conclusion:

The created mobile application allows users to access database and to update information anytime and anywhere. The future work will include creating an administrator account for aggregating and disseminating mobile user information.



References:

- [1] <http://jquerymobile.com>
- [2] <http://www.mysql.com>
- [3] <http://www.php.net>
- [4] <http://rnquiz.com>