Abstract

The following project’s purpose is to develop a web site, alongside with a web service to be consumed from a mobile device, in this case a J2ME mobile client. The general function of the site is to provide its users the ability to keep track of the users’ movie-watching history, and generate a statistics based on the data collected. The site also provides basic social networking functions like friendships, user commenting, etc.

This thesis project was developed using Extreme Programming approach. Some frameworks and open source add-ons are used to accommodate the full implementation of the application.

The finished application managed to fulfill the stated requirements stated in chapter three. The application can be accessed using a web browser, and a mobile phone that supports J2ME MIDP.

The application is able to provide the stated functionalities through web browser and mobile device (using emulator). As a result, this thesis has achieved its main purpose and the author has accomplished the main aim and objectives stated in the thesis scope. Overall, the thesis is finished on time; however the author suggests that some further development and socialization would be necessary to make the system in this thesis work for the real world users.

Keywords

Web Services, RESTful, Web Application, Internet, Mobile Application, Social Networking Site, Ruby on Rails, J2ME