Final Project – Movie Database: Movie Review App

Submitted by: Rawa Jalal & Steven Ye

PROG3180 Section 4 – Programming Mobile Applications

Submitted to: Sabbir Ahmed

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# **Project Charter**

## **Project Name**

Movie Database

## **Business Purpose**

Our objective is to create a Cordova/PhoneGap app that allows multiple users to look up information about movies and read/write reviews for them. The user will be able enter data not only for multiple reviewers, but for multiple reviews as well. By keeping track of various reviews, the user can give themselves a frame of reference for what movies are well-received.

## **Project Roles/Responsibilities**

### Rawa Jalal

* Main programmer

### Steven Ye

* Documentation, Planning, Testing

## **Technical Architecture**

The technologies under consideration for this project include HTML5, CSS3, JavaScript (and the JavaScript libraries jQuery and jQuery Mobile), and WebSQL, as well as PhoneGap/Cordova for packaging the app as a standalone Android APK.

# **Events Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Event** | **Source** | **Use Case #** | **Response** | **Destination** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# **Use Case Diagram**

Insert use case diagram here

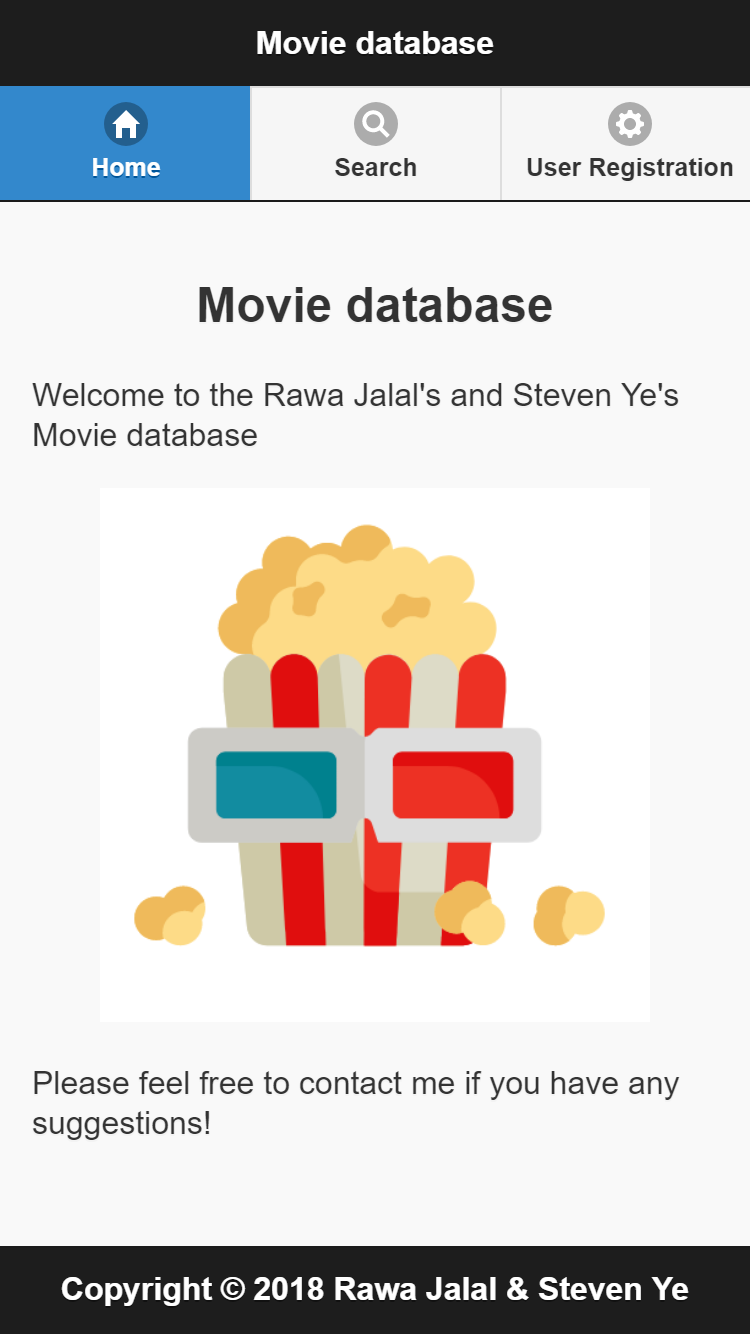
# **Use Case Descriptions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case #** |  | | | |
| **Use Case Name** |  | | | |
| **Scenario** |  | | | |
| **Triggering Event** |  | | | |
| **Brief Description** |  | | | |
| **Actors** |  | | | |
| **Related Use Cases** |  | | | |
| **Pre-conditions** |  | | | |
| **Post-conditions** |  | | | |
| **Flow of Events** |  | |  | |
|  | 1. |  | 2. |  |
|  | 3. |  | 4. |  |
|  | 5. |  | 6. |  |
| **Exceptions** |  | | | |

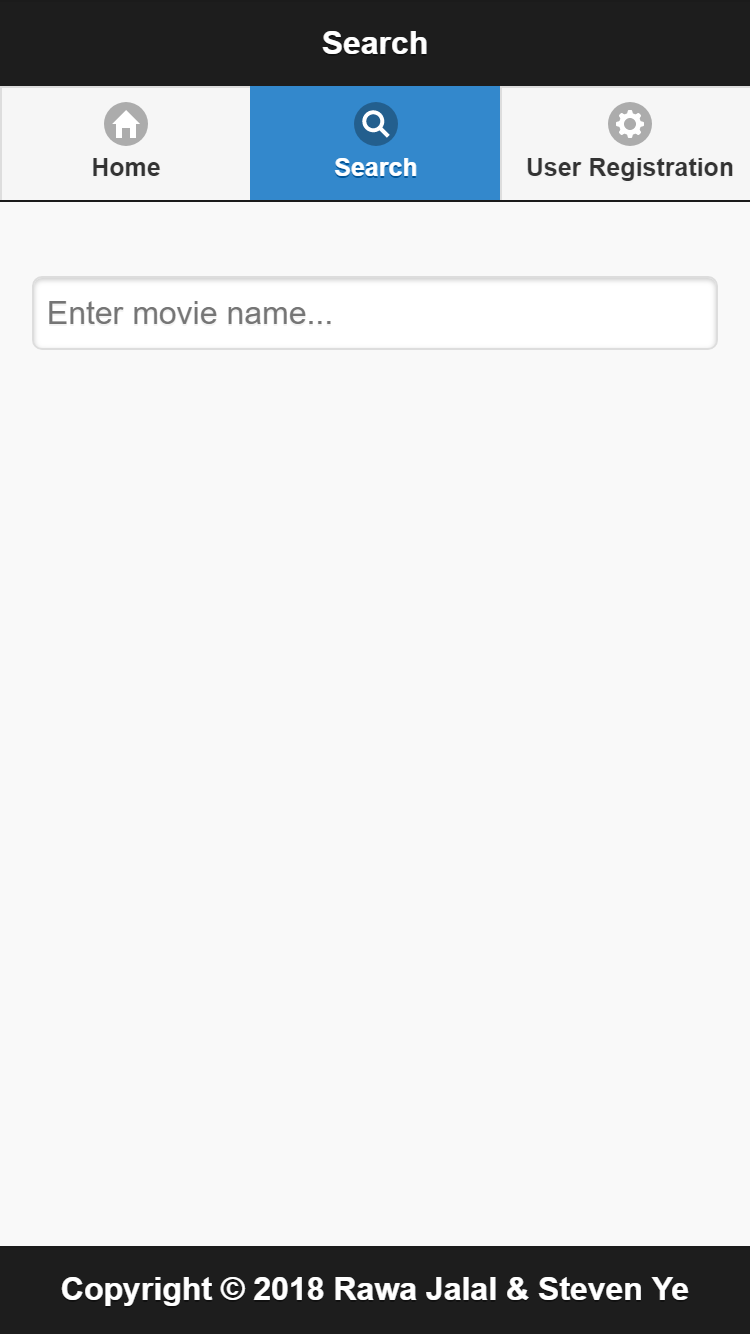
Table 1: UC01-Create something

# **User Interface Prototype**

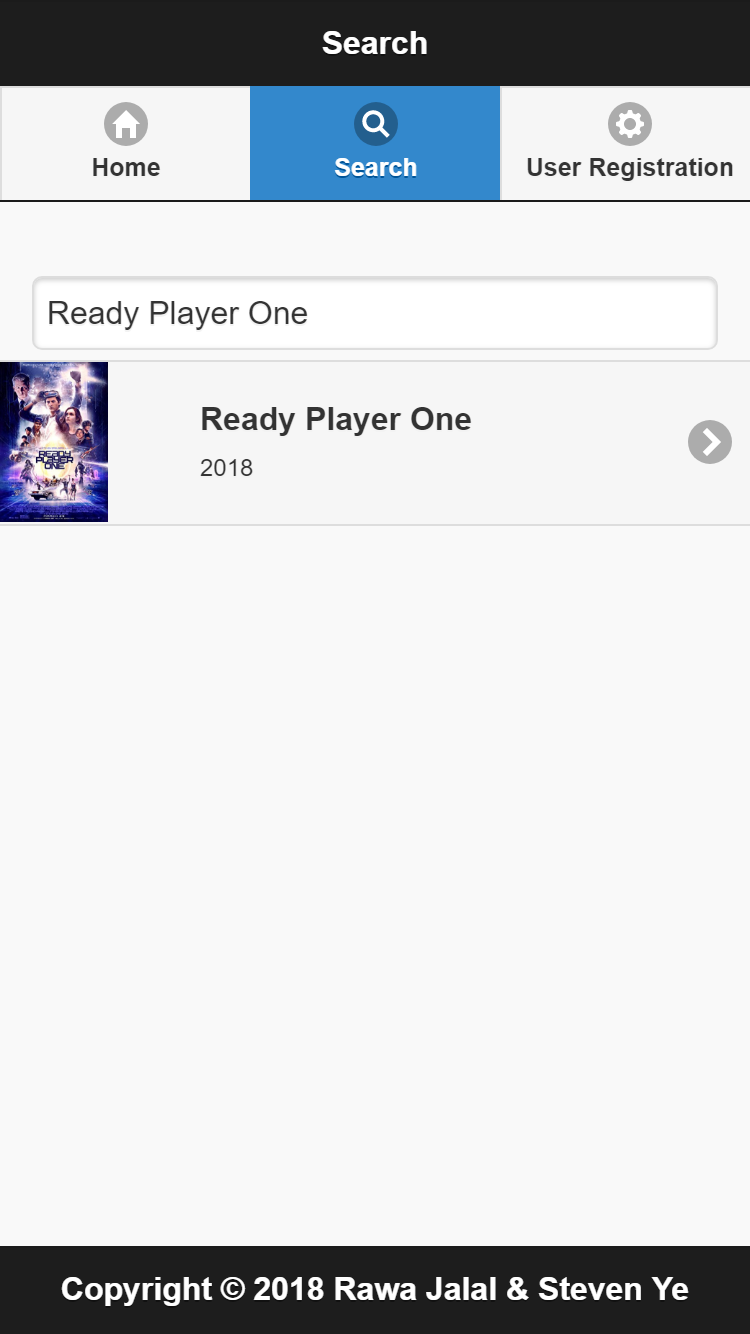
Home Page

****

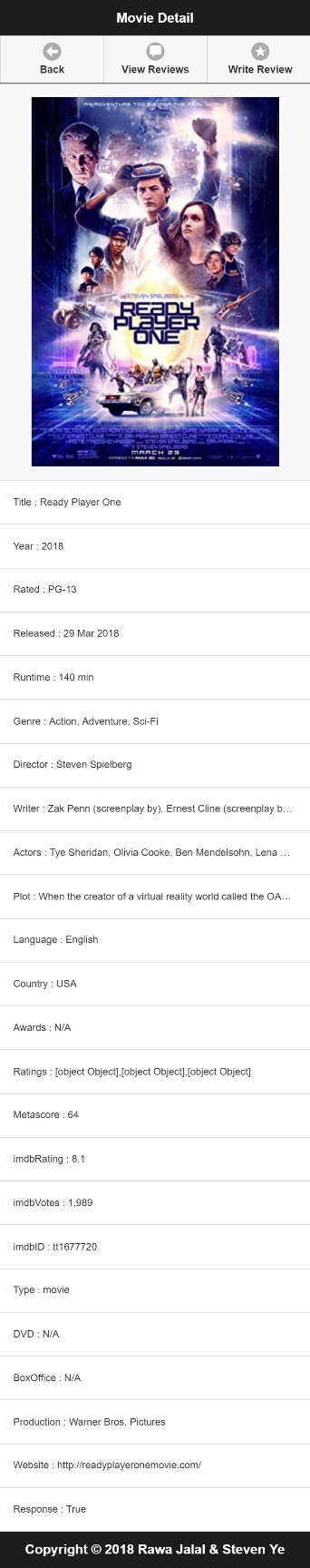
Search Page



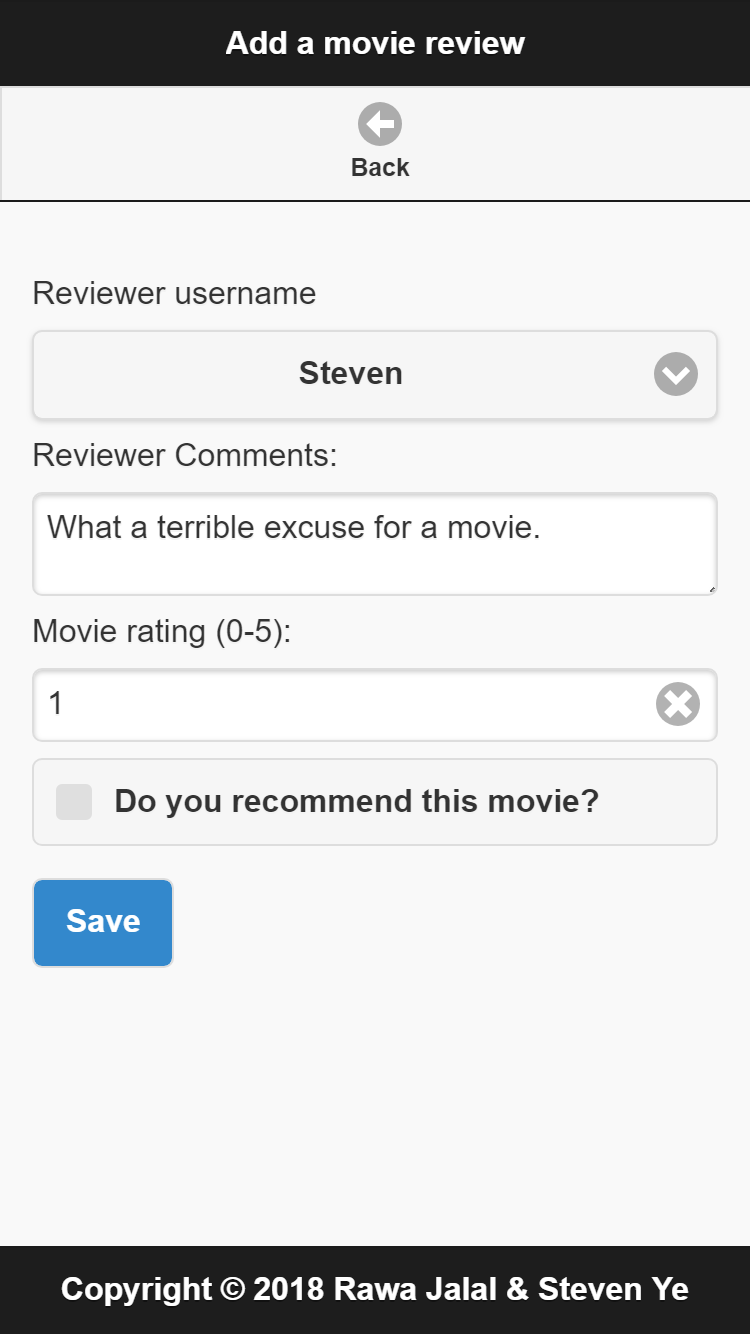
Search Results Page



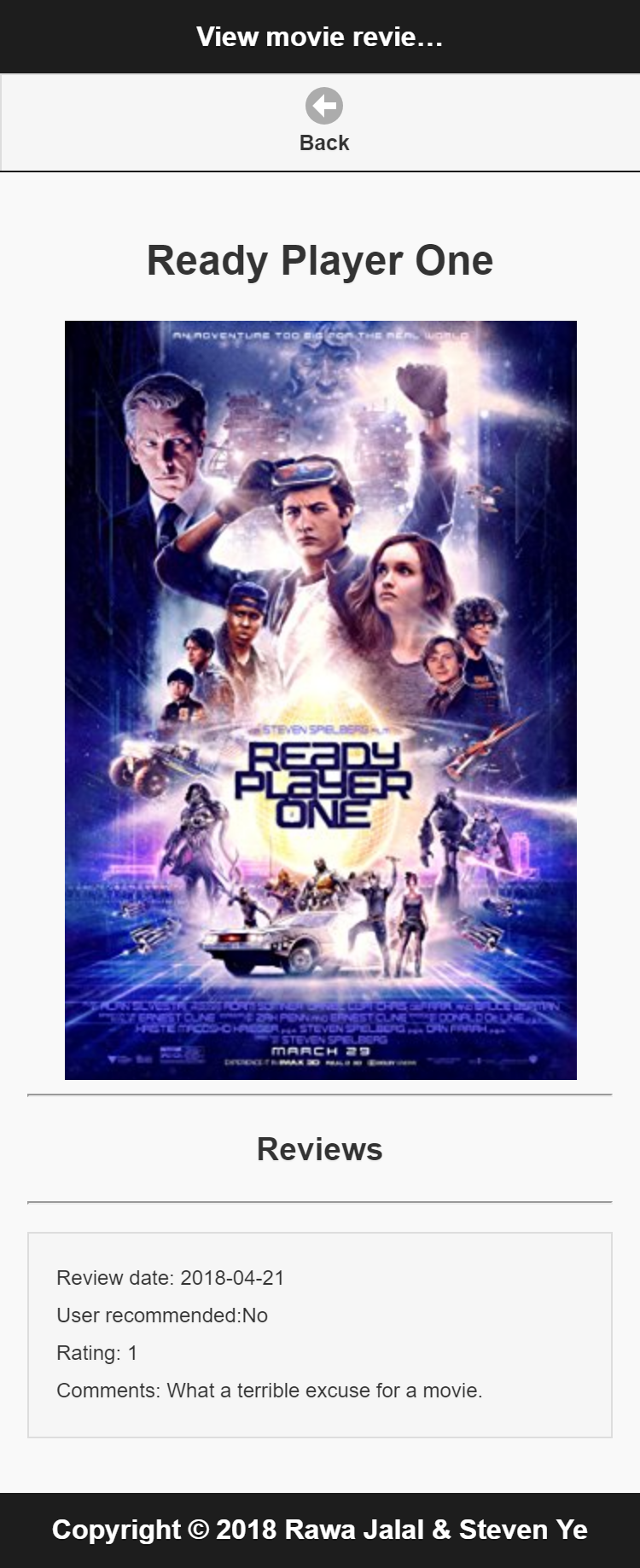
Movie Details Page



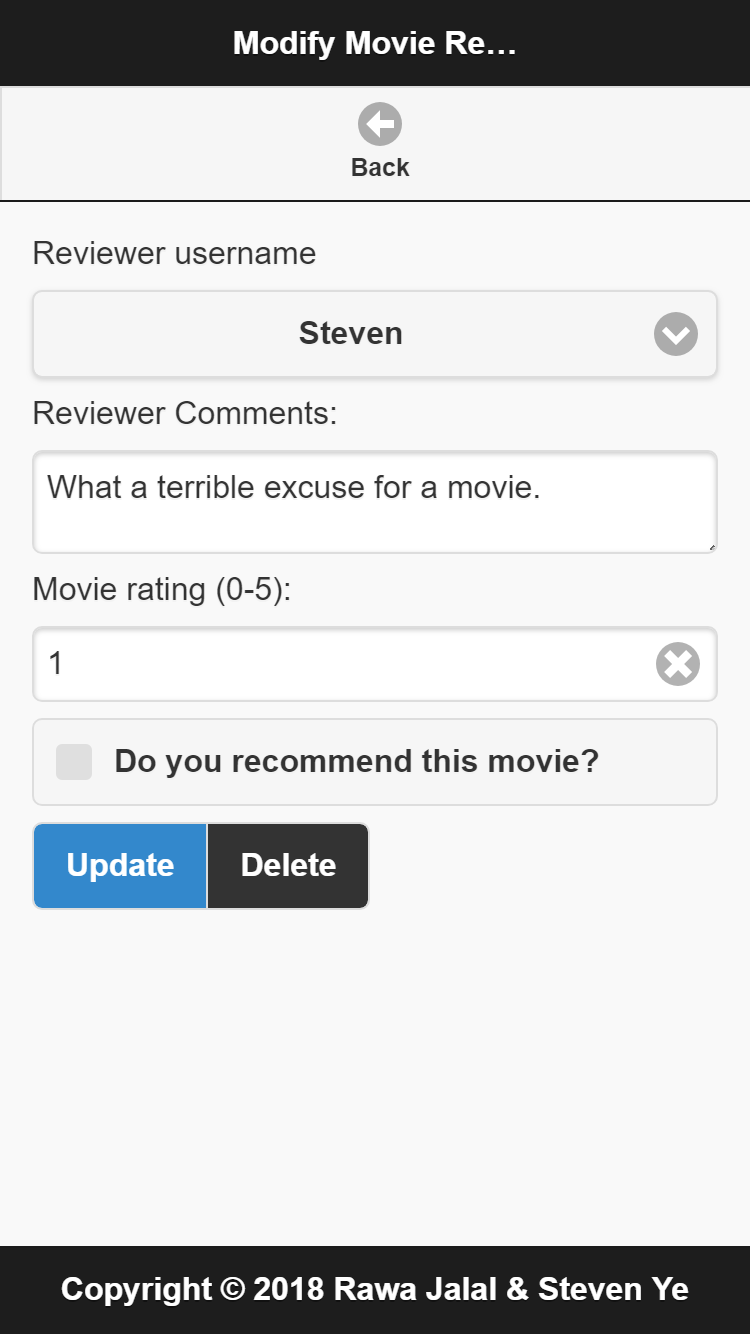
Add Review Page



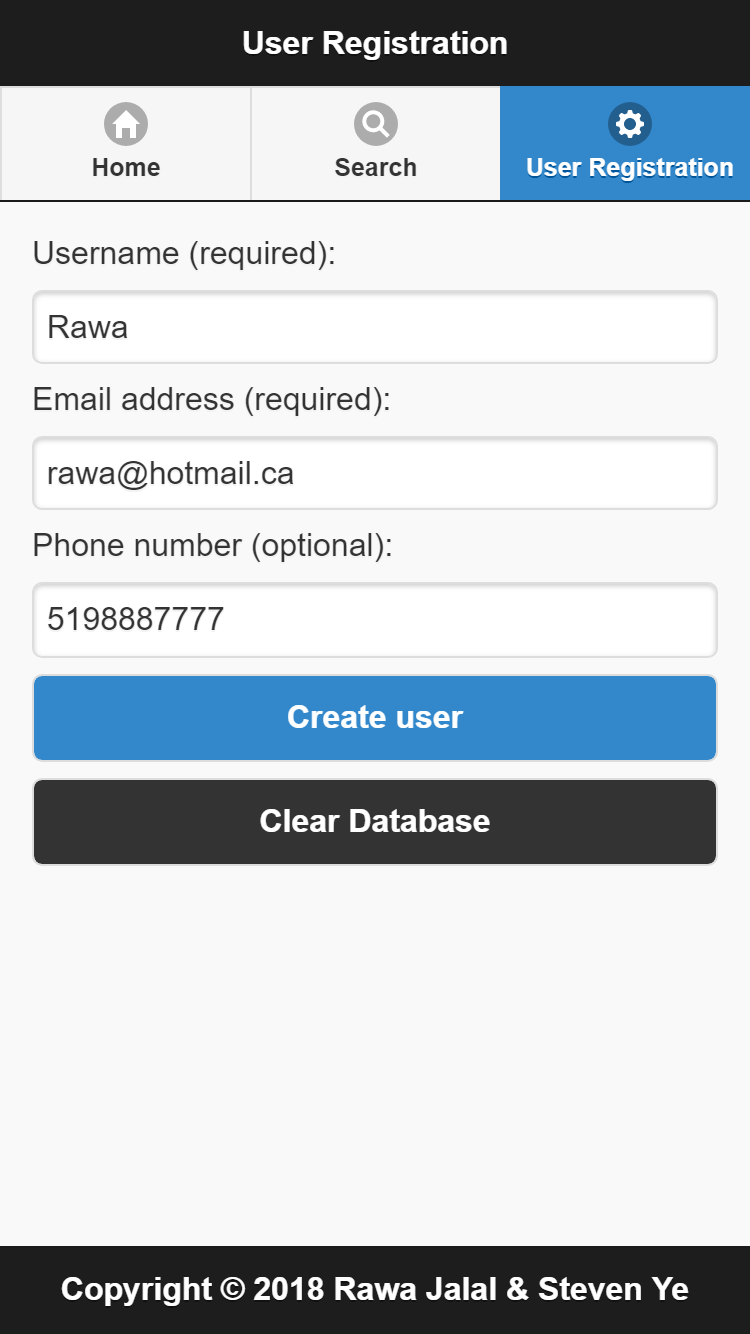
View Reviews Page



Edit or Delete Review Page



User Registration & Settings Page



# **Entity Relationship Diagram (ERD)**

Gotta drop that diagram with relationships, primary keys, foreign keys, firled names, data types, and table names

# **User Documentation – Help System**

## **Description**

Here’s a brief description.

## **How To Use**

Screenshots for how to use

## **About The Programmers**

Rawa Jalal and Steven Ye are classmates in Conestoga College’s Computer Programmer/Analyst program. Their collective interest in computer science and video gaming led them to create this app.

# **References**

1. jQuery Mobile: <https://jquerymobile.com/>
2. PhoneGap API: <http://docs.phonegap.com/plugin-apis/>