Use Case Break Down

Use Cases: Register User

Requirement 1

Use Case: Register Business

Requirement 2

Use Case: View Business Profile Information

Requirements: 3, 5

Use Case: View User Profile Information

Requirements: 4, 6

Use Case: Submit Review

Requirements: 7, 8, 9,

Use Case: Rate Business

Requirements: 10, 11

Use Case: Filter Business Search Results

Requirements: 13

Use Case: Suspend User

Requirements 14, 16, 17

Use Case: Report User

Requirements 19, 20

Use Case: Validate Business Entity

Requirements 15, 18

Use Case: Reset Password

Requirement 12

Services Provided By Our System

1. Register Users
2. Register Business Entity
3. View Business Entity profile information
4. View User profile information
5. Update Business Entity profile information
6. Update Users profile information
7. Add review
8. Update reviews
9. Delete reviews
10. Rate Business Entities
11. Update Rating of Business Entities
12. Reset password
13. Query information based on Filters
14. Verify inappropriate content
15. Verify valid Business Entity
16. Suspend Registered Users
17. Delete Registered Users
18. Load Business Entities from file
19. User can reports another User
20. Business Entity can reports a User

**Name:** Register User  
**Actors:** Guest  
**Entry condition:**

* The guest has the desire to become an User.

**Flow of Events:**

* Enter account information (username, password, email)
  + Send verification email
* Guest verifies identify.
  + Account becomes valid
* Guest allowed to log in

**Exit condition:**

* Guest becomes a registered User.

**Exceptions:**

* Guest enters invalid information
* Guest aborts registration
* Email verification never received

**Quality Requirements:**

* None

**Name:** View Business Complete Profile Information  
**Actors:** Business Entity  
**Entry condition:**

* The Business Entity communicates to the system their desire to see their profile information.

**Flow of Events:**

* The Business Entity request from the system to view their profile information.
  + Display information.

**Exit condition:**

* .Business Entity is able to view the information.

**Exceptions:**

* System fails to return information.

**Quality Requirements:**

* System must display information within 3 seconds.

**Name:** View User Profile Information  
**Actors:** User  
**Entry condition:**

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO

**Name:** Submit review  
**Actors:** User  
**Entry condition:**

* User identifies the Business Entity
* User expresses desire to write a review.

**Flow of Events:**

* User writes review
* User submits review
  + Saves review information

**Exit condition:**

* A new review is added to the Business Entity profile.

**Exceptions:**

* User submits an empty review
* User exceeds character limit

**Quality Requirements:**

* None

**Name:** Rate Business  
**Actors:** User  
**Entry condition:**

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO

**Name:** Filter Business Search Results  
**Actors:** User  
**Entry condition:**

* User expresses desire to filter search results..

**Flow of Events:**

* User selects a filter.

**Exit condition:**

* System returns result of filtered Businesses.

**Exceptions:**

* None

**Quality Requirements:**

* List of business entities must refresh in at most 3 second.

**Name:** Suspend User  
**Actors:** Administrator  
**Entry condition:**

* User has been previously reported.

**Flow of Events:**

* + Server notifies Administrator of Offence.
* Administrator reviews User’s offensive material.

**Exit condition:**

* User’s status is changed.

**Exceptions:**

* None

**Quality Requirements:**

* User status can be: Active, Suspended, or Banned
* User’s status can be Suspended at most 3 times.

**Name:** Report User  
**Actors:** TODO  
**Entry condition:**

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO

**Name:** Validate Business Entity  
**Actors:** TODO  
**Entry condition:**

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO

**Name:** Reset Password  
**Actors:** TODO  
**Entry condition:**

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO