Use Case Break Down

Use Cases: Register User

Requirement 1

Use Case: Register Business

Requirement 2

Use Case: View Business Profile Information

Requirements: 3

Use Case: Edit Profile Information

Requirements: 5

Use Case: View User Profile Information

Requirements: 4

Use Case: Edit User Profile Information

Requirements: 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

Use Case: Login guest

Requirement: 21

Use Case: View Business Public Page

Requirements: 22

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
21. Users can login to their account
22. Users and Guests can view Business Public Information

**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 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:**

* User expresses desire to view their profile information.

**Flow of Events:**

* The user requests the system to view their profile information.
  + The system displays to the user their profile.

**Exit condition:**

* The user is able to see their profile.

**Exceptions:**

* System fails to return information.
* Profile not found by System.
* System returns incorrect profile.

**Quality Requirements:**

* System displays the profile information within 3 seconds.

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

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

**Flow of Events:**

* System presents to user space to write review.
* User writes review
* User submits review
  + System saves review information

**Exit condition:**

* A new review is added to the Business Entity profile.
* System shows confirmation message to user.

**Exceptions:**

* User submits an empty review
* User exceeds character limit
* System does not show confirmation message.

**Quality Requirements:**

* System updates business landing page with review within 3 seconds.

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

* User invokes View Business Public Page.
* User invokes Review Business
* User expresses desire to give business rating.

**Flow of Events:**

* User submits their star rating of the business.
* System updates the average rating.

**Exit condition:**

* System displays the new average rating.

**Exceptions:**

* User’s rating is not taken into account.

**Quality Requirements:**

* Average rating is updated within 3 seconds.

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

* User invokes View Business Public Page
* User expresses desire to filter search results.

**Flow of Events:**

* User selects a filter.

**Exit condition:**

* System returns result of filtered results.

**Exceptions:**

* Incorrect results are returned from the filtering.

**Quality Requirements:**

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

**Name:** Update User Status  
**Actors:** Administrator, User   
**Entry condition:**

* User has been previously reported.

**Flow of Events:**

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

**Exit condition:**

* User’s status is changed.

**Exceptions:**

* User’s status is not changed.

**Quality Requirements:**

* User status can be: Active, Disabled, Suspended, Or Banned
* User’s status can be Suspended at most 3 times.
* System action is reflected within one day.

**Name:** Report User  
**Actors:** User A, User B,  
**Entry condition:**

* User A wants to report User B’s online content.

**Flow of Events:**

* User A identifies inappropriate content of User B.
* User A reports to the system the innapropriate content
  + System acknowledges report.

**Exit condition:**

* An administrator is notified.

**Exceptions:**

* System does not acknowledge the reported content.
* System reports incorrect content.
* Administrator is not notified.

**Quality Requirements:**

* Administrator should be notified within 15 seconds.

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

* A new business has registered as a Business entity.
* Administrator has been notified of new business entity.

**Flow of Events:**

* Administrator cross references information.
* Administrator takes action on information.
  + System implements the action.

**Exit condition:**

Business is notified of action taken by Administrator.

**Exceptions:**

* Action implemented is not reflected in the system.

**Quality Requirements:**

* Administrator acknowledges request for validation within 5 days.

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

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO

**Name:** Login Guest  
**Actors:** Guest  
**Entry condition:**

* TODO

**Flow of Events:**

* TODO

**Exit condition:**

* TODO

**Exceptions:**

* TODO

**Quality Requirements:**

* TODO