Use Cases

for

RATE MY \_\_\_\_\_

**Version 1.3**

**Prepared by**

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**5/01/16**

Use Case List

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| --- | --- | --- |
| ***ID*** | ***Primary Actor*** | ***Use Case Title*** |
| UC1 | Visitor/User | Authentication |
| UC2 | Visitor/User | Add posts |
| UC3 | Visitor/User | Rating |
| UC4 | Visitor/User | Search |
| UC5 | Vistor/User | Hot Post |
| UC6 | User | Account Management |
| UC7 | User | Comment |
| UC8 | Visitor/User | View Post |

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| --- | --- | --- | --- |
| Use Case ID: | UC1 | | |
| Use Case Name: | Authentication | | |
| Created By: | Weihao Zhao(Andy) | Last Updated By: | Heqian Liu |
| Date Created: | 02/17/2016 | Date Last Updated: | 05/01/2016 |

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| --- | --- |
| Actors: | Users |
| Description: | Allows users to login their own account and initiate their own preferences. Then users are authenticated to add//edit/rate posts. |
| Trigger: | Login button |
| Preconditions: | User has to have a facebook account. |
| Postconditions: | User’s identity set to authenticated. |
| Normal Flow: | UC1.0: Users click on the login option.  UC1.1: Users are directed to the facebook login page  UC1.2: Users click the login button and then direct back to our page. |
| Alternative Flows: | UC1.1: Users were not logged in and tries to edit/add/rate any posts, then they are redirected to the login page.  UC1.2: Click the login button. |
| Exceptions: | UC1.0.E.0: The facebook login wasn’t successful, then notify the user to enter again. |
| Includes: | N/A |
| Priority: | Mandatory |
| Frequency of Use: | Once per use of the website by an user. |
| Business Rules: | N/A |
| Special Requirements: | N/A |
| Assumptions: | User has to log in to add/edit/rate posts on this website. |
| Notes and Issues: | N/A |

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| --- | --- | --- | --- |
| Use Case ID: | UC2 | | |
| Use Case Name: | Add posts | | |
| Created By: | Heqian Liu | Last Updated By: | Heqian Liu |
| Date Created: | 02/17/2016 | Date Last Updated: | 05/01/2016 |

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| Actors: | User |
| Description: | Add post allows users to create new posts on the website. Users need to add title, descriptions, tags for their posts. |
| Trigger: | The use case is triggered when user press the ‘Create Post’ button. |
| Preconditions: | 1. User has logged in.  2. User’s account has not been banned. |
| Postconditions: | The new post information is saved into the databases. Other users are available to see and search this post on the website. |
| Normal Flow: | UC2.0 User presses the create post when they want to add a new post.  UC2.1 User sees several blanks where users are allowed to type in their title, description, tags and upload files.  UC2.2 User fills in each blank and upload files by clicking the add files button.  UC2.3 User presses the Complete button when they have finished creating this post. |
| Alternative Flows: | UC2.0.1 If the user has not logged in, the user will be leads to the authentication use case, and then come back after authentication use case.  UC2.2.1 Beside add words, users are allowed to upload photos by clicking camera button |
| Exceptions: | UC2.2.E.1 If user upload any files bigger than requirement or in wrong type, user will be prompted to upload again.  UC2.3.E.1 If user leaves the title and tags empty, the user will be prompted to add a title and at least one tag.  UC2.3.E.2 If user has entered a description less than 5 words, the user will be prompted to add at least 5 words description to their post. |
| Includes: | Authentication |
| Priority: | Mandatory |
| Frequency of Use: | 2/day |
| Business Rules: | N/A |
| Special Requirements: | N/A |
| Assumptions: | Adding a post is a mandatory function of the website, so it must be implemented to make the website work. |
| Notes and Issues: | N/A |

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| Use Case ID: | UC3 | | |
| Use Case Name: | Rating | | |
| Created By: | Scarleth Estevez | Last Updated By: | Scarleth Estevez |
| Date Created: | 2/17/16 | Date Last Updated: | 2/17/16 |

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| --- | --- |
| Actors: | User |
| Description: | rating system of users’ post |
| Trigger: | when the user rates a post |
| Preconditions: | 1. a post is created to rate 2. user is logged in |
| Postconditions: | 1. rate system is updated for the post(# of upvotes and # downvotes) 2. User gets a notification |
| Normal Flow: | UC3.0 User1 created a post  UC3.1 User2 is on User1’s post  UC3.2 User2 chooses either upvote or downvote  UC3.3 # of upvotes/# of downvotes are updated  UC3.4 User1 gets a notification that post has been rated |
| Alternative Flows: | UC3.1 User2 is not logged in  UC3.2 User2 tries to rate a post  UC3.3 User2 is prompted to login  UC3.4 User2 then can rate post(choosing either upvote or downvote)  UC3.5 # of upvotes/# of downvotes are updated  UC3.6 User1 gets a notification that post has been rated |
| Exceptions: | UC3.3.E.0 User2 has already voted and attempts to vote again is banned.  UC3.3.E.1 User 2 is not prompted to login and can not rate  UC3.3.E.2 the upvotes/downvotes are not updated when User2 rates |
| Includes: | Authentication |
| Priority: | Mandatory |
| Frequency of Use: | 5/Day |
| Business Rules: | N/A |
| Special Requirements: | Easy to use UI |
| Assumptions: | Authentication, Add Post |
| Notes and Issues: | N/A |

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| --- | --- | --- | --- |
| Use Case ID: | UC4 | | |
| Use Case Name: | Search | | |
| Created By: | Ben Pusey | Last Updated By: | Ben Pusey |
| Date Created: | 02/17/2016 | Date Last Updated: | 02/17/2016 |

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| Actors: | User/Visitors of the site |
| Description: | Users/Visitor can search via tags for posts |
| Trigger: | User/Visitor hits the search button |
| Preconditions: | Tags have been entered into the search box |
| Postconditions: | Query returns results |
| Normal Flow: | UC4.0 User/Visitor enters tag searches  UC4.1 User hits search  UC4.2 Page is populated with search results |
| Alternative Flows: | N/A |
| Exceptions: | X.4.E.0 Search box is empty |
| Includes: | View post |
| Priority: | Mandatory |
| Frequency of Use: | 2 times/5 minutes |
| Business Rules: | N/A |
| Special Requirements: | Loading of tags to populate search box should be quick. I.E tags should be cached. |
| Assumptions: | N/A |
| Notes and Issues: | N/A |

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| --- | --- | --- | --- |
| Use Case ID: | UC5 | | |
| Use Case Name: | Hot Post/New Post | | |
| Created By: | Heqian Liu | Last Updated By: | Heqian Liu |
| Date Created: | 03/23/16 | Date Last Updated: | 05/01/16 |

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| Actors: | Users of site |
| Description: | User want to discover random post to rate |
| Trigger: | User goes to the main page of website |
| Preconditions: | N/A |
| Postconditions: | There are created posts by any users |
| Normal Flow: | UC6.0 User goes to the main page  UC6.1 User can see random hot rated/new created posts  UC6.2 User click post to view the post detail |
| Alternative Flows: | UC6.2.0 If user wants to change to another page of post then click “Next page” button or click “Previous page” to go back |
| Exceptions: | UC6.2.E.0 Prompt “No more post” to tell user they have rated all the stuff |
| Includes: | UC3 View Post |
| Priority: | Important |
| Frequency of Use: | Often |
| Business Rules: |  |
| Special Requirements: | none |
| Assumptions: | assumes there exists a database system ready to gives back result |
| Notes and Issues: | to be determined: whether do “tag preference” in the discover process |

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| --- | --- | --- | --- |
| Use Case ID: | UC6 | | |
| Use Case Name: | Account Management | | |
| Created By: | Heqian Liu | Last Updated By: | Heqian Liu |
| Date Created: | 03/23/16 | Date Last Updated: | 03/23/16 |

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| --- | --- |
| Actors: | Users of site |
| Description: | User want to manage their account information |
| Trigger: | User click on “Account” button |
| Preconditions: | Must be signed in |
| Postconditions: | The user has a valid account |
| Normal Flow: | UC7.0 User clicks “Account” button  UC7.1 User enters another page with user’s basic information  UC7.1.1 User checks his/her information on the page |
| Alternative Flows: | UC7.2.0.0 If user wants to see their account history, scroll to view on the right side of the screen  UC7.2.0.1 User would see their post history and they can delete the post by clicking “delete” button  UC7.2.1 User can view post detail by clicking any post. |
| Exceptions: | N/A |
| Includes: | View Post, Authentication |
| Priority: | Mandatory |
| Frequency of Use: | Often |
| Business Rules: | Needs to be secure as it is related to the account security |
| Special Requirements: | none |
| Assumptions: | assumes there exists a database system ready to gives back result |
| Notes and Issues: | N/A |

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| --- | --- | --- | --- |
| Use Case ID: | UC7 | | |
| Use Case Name: | Comment | | |
| Created By: | Heqian Liu | Last Updated By: | Heqian Liu |
| Date Created: | 3/23/16 | Date Last Updated: | 5/01/16 |

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| --- | --- |
| Actors: | User |
| Description: | Comment system of users’ post |
| Trigger: | when the user wants to comment a post |
| Preconditions: | a post is created to rate  user is logged in |
| Postconditions: | Post is updated with the new comment  User who did the post gets notification |
| Normal Flow: | UC9.0 User1 created a post  UC9.1 User2 is on User1’s post  UC9.2 User2 Leaves whatever comment  UC9.3 The post is updated with the new comment  UC9.4 User1 gets a notification that post has a new comment |
| Alternative Flows: | UC3.1 User2 is not logged in  UC3.2 User2 tries to comment on a post  UC3.3 User2 is prompted to login  UC3.4 User2 then can comment on post |
| Exceptions: | N/A |
| Includes: | Authentication |
| Priority: | Mandatory |
| Frequency of Use: | 5/Day |
| Business Rules: | N/A |
| Special Requirements: | Easy to use UI |
| Assumptions: | Authentication, Add Post |
| Notes and Issues: | N/A |

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| --- | --- | --- | --- |
| Use Case ID: | UC7 | | |
| Use Case Name: | Comment | | |
| Created By: | Heqian Liu | Last Updated By: | Heqian Liu |
| Date Created: | 3/23/16 | Date Last Updated: | 5/01/16 |

|  |  |
| --- | --- |
| Actors: | User |
| Description: | Comment system of users’ post |
| Trigger: | when the user wants to comment a post |
| Preconditions: | a post is created to rate  user is logged in |
| Postconditions: | Post is updated with the new comment |
| Normal Flow: | UC9.0 User1 created a post  UC9.1 User2 is on User1’s post  UC9.2 User2 Leaves whatever comment  UC9.3 The post is updated with the new comment |
| Alternative Flows: | UC3.1 User2 is not logged in  UC3.2 User2 tries to comment on a post  UC3.3 User2 is prompted to login  UC3.4 User2 then can comment on post |
| Exceptions: | N/A |
| Includes: | Authentication |
| Priority: | Mandatory |
| Frequency of Use: | 5/Day |
| Business Rules: | N/A |
| Special Requirements: | Easy to use UI |
| Assumptions: | Authentication, Add Post |
| Notes and Issues: | N/A |

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| --- | --- | --- | --- |
| Use Case ID: | UC8 | | |
| Use Case Name: | View post | | |
| Created By: | Heqian Liu | Last Updated By: | Heqian Liu |
| Date Created: | 3/23/16 | Date Last Updated: | 5/01/16 |

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| --- | --- |
| Actors: | User |
| Description: | View detail of any post |
| Trigger: | when the user click any post |
| Preconditions: | a post is created |
| Postconditions: | N/A |
| Normal Flow: | UC9.0 User1 created a post  UC9.1 User2 wants to view post  UC9.2 The post’s detail is shown on page |
| Alternative Flows: | N/A |
| Exceptions: | N/A |
| Includes: | Authentication Comment Rate |
| Priority: | Mandatory |
| Frequency of Use: | 15/Day |
| Business Rules: | N/A |
| Special Requirements: | Easy to use UI |
| Assumptions: | N/A |
| Notes and Issues: | N/A |

**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Changed priories | 2/17 | Changed priorities of use cases from “high” to mandatory after research | 1.1 |
| More detail use cases | 2/18 | Gave more | 1.2 |
| Final Version | 5/1 | Revised use case and delete the parts we didn’t do | 1.3 |