Use Cases

for

RATE MY _____

Version 1.3

Prepared by

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Use Case List

ID	Primary Actor	Use Case Title
UC1	Visitor/User	Authentication
UC2	Visitor/User	Add posts
UC3	Visitor/User	Rating

UC4	Visitor/User	Search
UC5	Visitor/User	Account Creation
UC6	Visitor/User	Discover
UC7	User	Account Management
UC8	User	Account Deletion
UC9	User	Comment

Use Case ID:	UC1		
Use Case Name:	Authentication		
Created By:	Weihao Zhao(Andy)	Last Updated By:	Weihao Zhao
Date Created:	02/17/2016	Date Last Updated:	02/17/2016

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 registered account.
Postconditions:	User's identity set to authenticated.
Normal Flow:	UC1.0: Users click on the login option. UC1.1: Users enter their username and password on the two text box shown. UC1.2: Users click the login button.
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: Enter the login information. UC1.3: Click the login button.
Exceptions:	UC1.0.E.0: User is already logged in. Pop out message stating the user is already logged in and asks if they would like to log out. UC1.1.E.2: User entered wrong password/username. State that the username or password is incorrect and asks user to re-enter or register.
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

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:	02/17/2016

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.
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

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

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

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

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:	N/A
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

Use Case ID:	UC5		
Use Case Name:	Create user Account		
Created By:	Dennis Cherchenko	Last Updated By:	Dennis Cherchenko
Date Created:	02/17/16	Date Last Updated:	02/18/16

Actors:	Users of site
Description:	User want to have his own account and use the website logged in
Trigger:	User click on "register" button
Preconditions:	Must be signed out of all other accounts
Postconditions:	username, password, personal info must meet criteria of site e.g. password at least 6 characters etc.
Normal Flow:	UC5.0 User clicks "register" button UC5.1 User enters in all information UC5.1.1 User corrects any mistakes and/or fields that don't conform to rules UC5.2 User is logged in UC 5.3 User sees 'my profile' page
Alternative Flows:	none

Exceptions:	already logged into another account, must be signed out first
Includes:	UC1 for authentication
Priority:	Mandatory
Frequency of Use:	1 per user account creation
Business Rules:	soe privacy rules about what user is/isn't required to enter
Special Requirements:	none
Assumptions:	assumes there exists a database system ready to accept the input
Notes and Issues:	to be determined: what rules should be for uses, (password length) etc.

Use Case ID:	UC6		
Use Case Name:	Discover		
Created By:	Heqian Liu	Last Updated By:	Heqian Liu
Date Created:	03/23/16	Date Last Updated:	03/23/16

Actors:	Users of site
Description:	User want to discover random post to rate
Trigger:	User click on "discover" button
Preconditions:	Must be signed in
Postconditions:	There is post that this user has not rated
Normal Flow:	UC6.0 User clicks "discover" button UC6.1 User enters another page with random user's post UC6.1.1 User checks the post and give his/her rating of the post UC6.2 User clicks "submit" to submit the score
Alternative Flows:	UC6.2.0 If user wants to change to another post then click "Next Post" button
Exceptions:	UC6.2.E.0 Prompt "No more post" to tell user they have rated all the stuff
Includes:	UC3 rating
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

Use Case ID:	UC7		
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

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, click "post history" UC7.2.0.1 User would see their post history and they can delete the post by clicking "delete" button UC7.2.1.0 If user wants to change their password/avatar/bio, simply click the edit button beside the title UC7.2.2.0 If user wants to permanently delete their account, press the red "Permanently delete account" button
Exceptions:	N/A
Includes:	UC1 Authentication UC8 Account deletion

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

Use Case ID:	UC8		
Use Case Name:	Account Deletion		
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 permanently
Trigger:	User click on "Permanently Delete account" button
Preconditions:	Must be signed in
Postconditions:	The user has a valid account
Normal Flow:	UC8.0 User clicks "Permanently Delete account" button UC8.1 User is prompted that this action would lead to the deletion of all information/data in user's account UC8.2 User is required to enter the password to confirm UC8.3 User is logged out and prompted that user has successfully deleted the account
Alternative Flows:	N/A
Exceptions:	UC8.2.E.0 If user fails to enter the correct password, user is required to re-enter the password
Includes:	N/A
Priority:	Important
Frequency of Use:	Not very often
Business Rules:	N/A
Special Requirements:	none

Assumptions:	N/A
Notes and Issues:	N/A

Use Case ID:	UC9		
Use Case Name:	Comment		
Created By:	Heqian Liu	Last Updated By:	Heqian Liu
Date Created:	3/23/16	Date Last Updated:	3/23/16

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 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

Search:
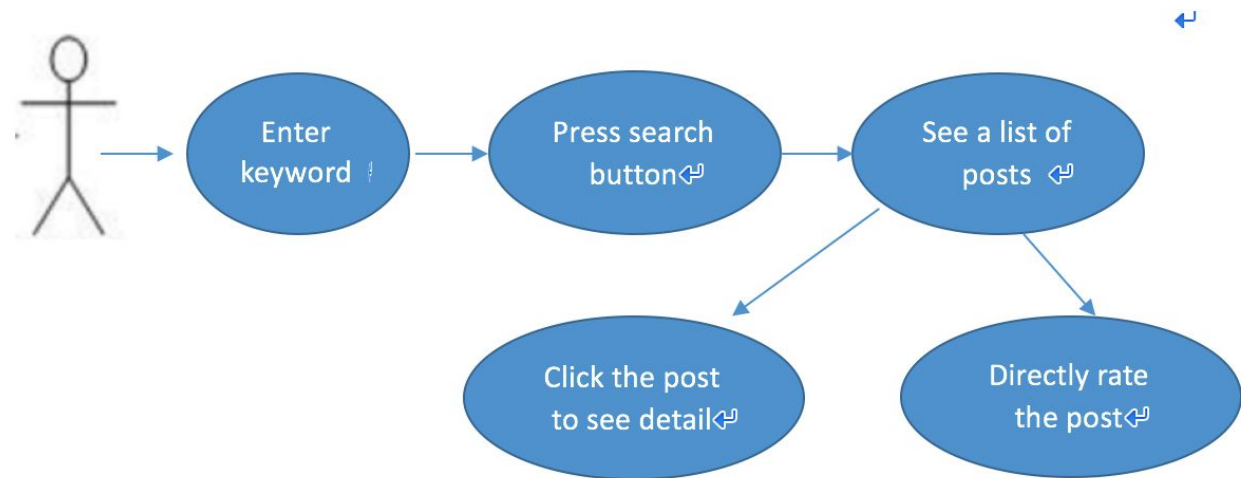
Revision History

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