

PROJECT PART 2

NAME: Mridula Natrajan

PROJECT: ChatApp

REQUIREMENTS:

The User Requirements that I will be implementing belong to the Topic area of Profile Management and are listed as below:

US – 02 - user should be able to login to the system : UC - 02

US – 03 - user should be able to change their display picture : UC - 03

US – 04 user should be able to update their status : UC - 04

US – 05 user should be able to view their profile : UC - 05

US – 06 user should be able to delete their account : UC - 06

US – 22, user should be able to change their password : UC - 22

US - 23, user should be able to logout of the Application : UC - 23

USE CASE DOCUMENTS:

1) Login

Use Case ID:	UC-02
Use Case Name:	Login
Description:	User Can Login to the Chat Application

Actors:	Users		
Pre Conditions:	Users are not logged in		
Post Conditions:	Users are logged in		
Frequency Of Use:	Every day		
Flow of Events:	SN	Actor Action:	System Response:
	1	User opens the chat Application	Home Page is displayed

	2	User selects the option existing user	Login page is displayed with username and password field
	3	User enters the username and password	Fields get populated with the entered text
	4	User submits the information	Credentials are validated and user is logged in
Variations:	Incorrect username and password is entered, in which case the system throws an error		
Notes of Issue:			
Developer Notes:			

2) Update Status

Use Case ID:	UC-03
Use Case Name:	Update Status
Description:	User can update their status

Actors:	User		
Pre Conditions:	User has no status or is using an old status		
Post Conditions:	User has an updated status		
Frequency Of Use:	Weekly once		
Flow of Events:	SN	Actor Action:	System Response:
	1	User clicks on Manage Profile	Options displayed
	2	User clicks on update Status	Status field is displayed
	3	User types the status in the field	Status field is populated with the text entered by user
	4	User clicks on submit	Status is saved and displayed
Variations:			
Notes of Issue:			

Developer Notes:	
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3) Update Picture

Use Case ID:	UC-04
Use Case Name:	Update Picture
Description:	User can update their display picture

Actors:	Users		
Pre Conditions:	User has no display picture or has an old display picture		
Post Conditions:	User has updated the display picture		
Frequency Of Use:	Weekly once		
Flow of Events:	SN	Actor Action:	System Response:
	1	User clicks on Manage Profile	Options displayed
	2	User clicks on Update Picture	Old display picture displayed with a browse and an upload option
	3	User clicks on browse and selects the picture to be uploaded	System records the path of the image
	4	User clicks on upload	System downloads and stores the picture and displays it in the frame
Variations:			
Notes of Issue:			
Developer Notes:			

4) Preview Profile

Use Case ID:	UC-05
Use Case Name:	Preview Profile
Description:	User can preview their profile. This gives a view of how others would see their profile

Actors:	Users		
Pre Conditions:	User has an account and has logged in.		
Post Conditions:	User has previewed the profile		
Frequency Of Use:	Daily		
Flow of Events:	SN	Actor Action:	System Response:
	1	User clicks on Manage Profile	Options are displayed
	2	User clicks on Preview Profile	Page is loaded with the users display name, display picture and current status
Variations:			
Notes of Issue:			
Developer Notes:			

5) Delete Account

Use Case ID:	UC-06
Use Case Name:	Delete Account
Description:	User can choose to delete their account

Actors:	User
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Pre Conditions:	User has been registered and has a valid account. User is logged into the account.		
Post Conditions:	User does not have an account in Chat Application anymore and cannot login.		
Frequency Of Use:	Once in term of usage		
Flow of Events:		Actor Action:	System Response:
	1	User Clicks on Profile Management	Options are displayed
	2	User clicks on delete Account	Dialog box confirming the deletion is displayed
	3	User selects Yes	Removes any information related to the users account from the database. This includes username and password. Then it redirects the user to the Login Page.
Variations:	User can choose no when confirmation box is displayed and choose to retain the account, in which case he is redirected to the Profile Management page.		
Notes of Issue:			
Developer Notes:			

6) Logout

Use Case ID:	UC-22
Use Case Name:	Logout
Description:	User Can logout of the Chat Application

Actors:	Users		
Pre Conditions:	User is logged in		
Post Conditions:	User is logged out		
Frequency Of Use:	Daily once		
Flow of Events:	SN	Actor Action:	System Response:
	1	User clicks on logout	Logs out the user and redirects the user to the login page.

Variations:	
Notes of Issue:	
Developer Notes:	

7) Change Password

Use Case ID:	UC-23
Use Case Name:	Change Password
Description:	User Can logout of the Chat Application

Actors:	User		
Pre Conditions:	User has been registered and has a valid account. User is logged into the account.		
Post Conditions:	User does not have an account in Chat Application anymore and cannot login.		
Frequency Of Use:	Once in term of usage		
Flow of Events:		Actor Action:	System Response:
	1	User Clicks on Profile Management	Options are displayed
	2	User clicks on change Password	Dialog box asks to re-enter existing password
	3	User enters the password	System validates the credentials and displace a new password field
	3	User enters the new password in the text field provided	Populates the text field with entered password
	5	User clicks submit	System replaces the password with the newly entered password.
Variations:	If System validation of the credentials fails then the dialog box reloads again asking the user to enter the current password again		
Notes of Issue:			
Developer Notes:			

Activity Diagram

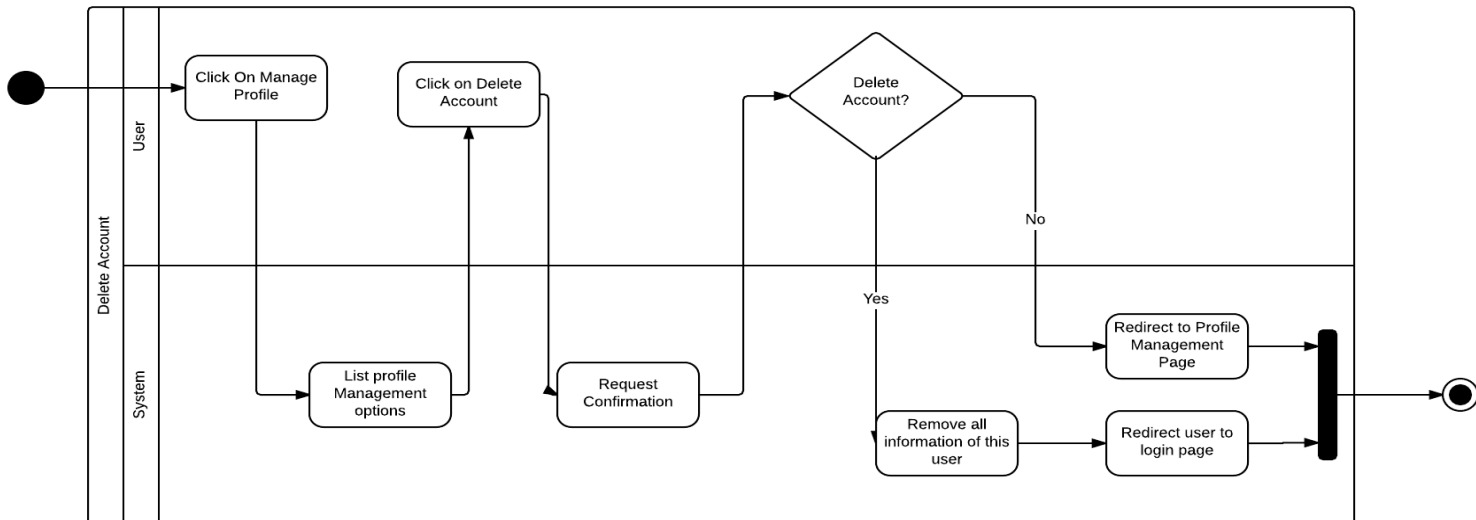
1) Use Case Name: Delete Account

Requirement ID : US – 06

Use Case ID: UC-06

Created By: Mridula Natrajan

Description: The user can delete their account as a feature of profile Management



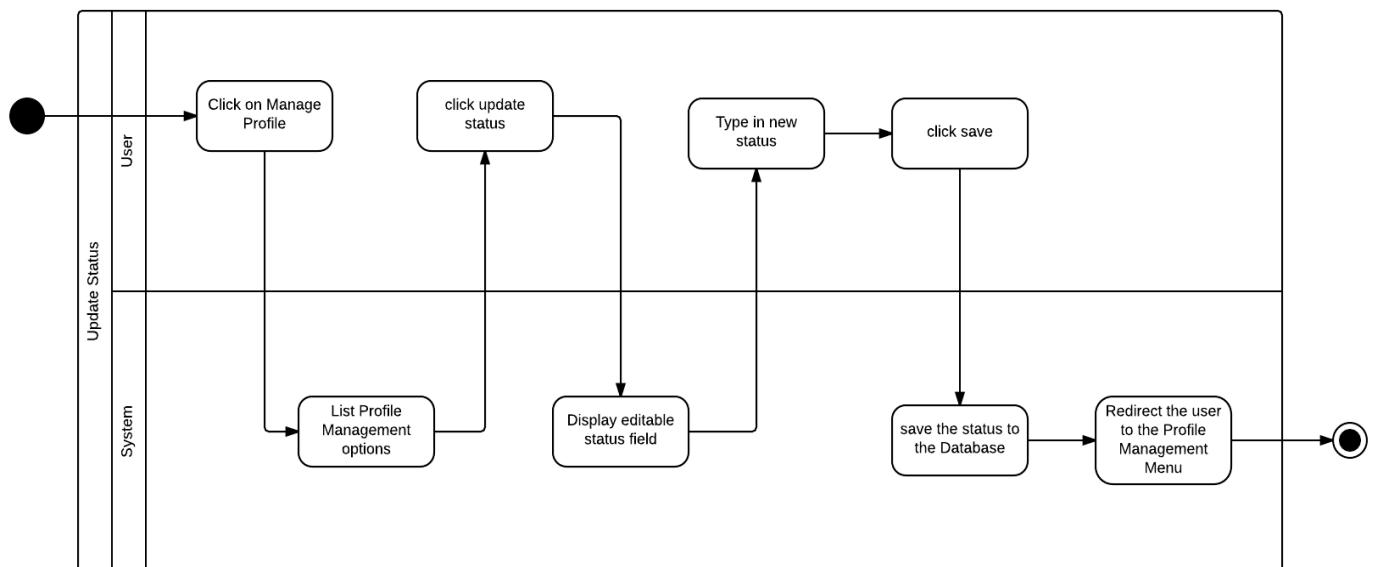
2) Use Case Name: Update Status

Requirement ID : US – 03

Use Case ID: UC – 03

Created By: Mridula Natrajan

Description: The user can update their status as a feature of profile Management



Sequence Diagram

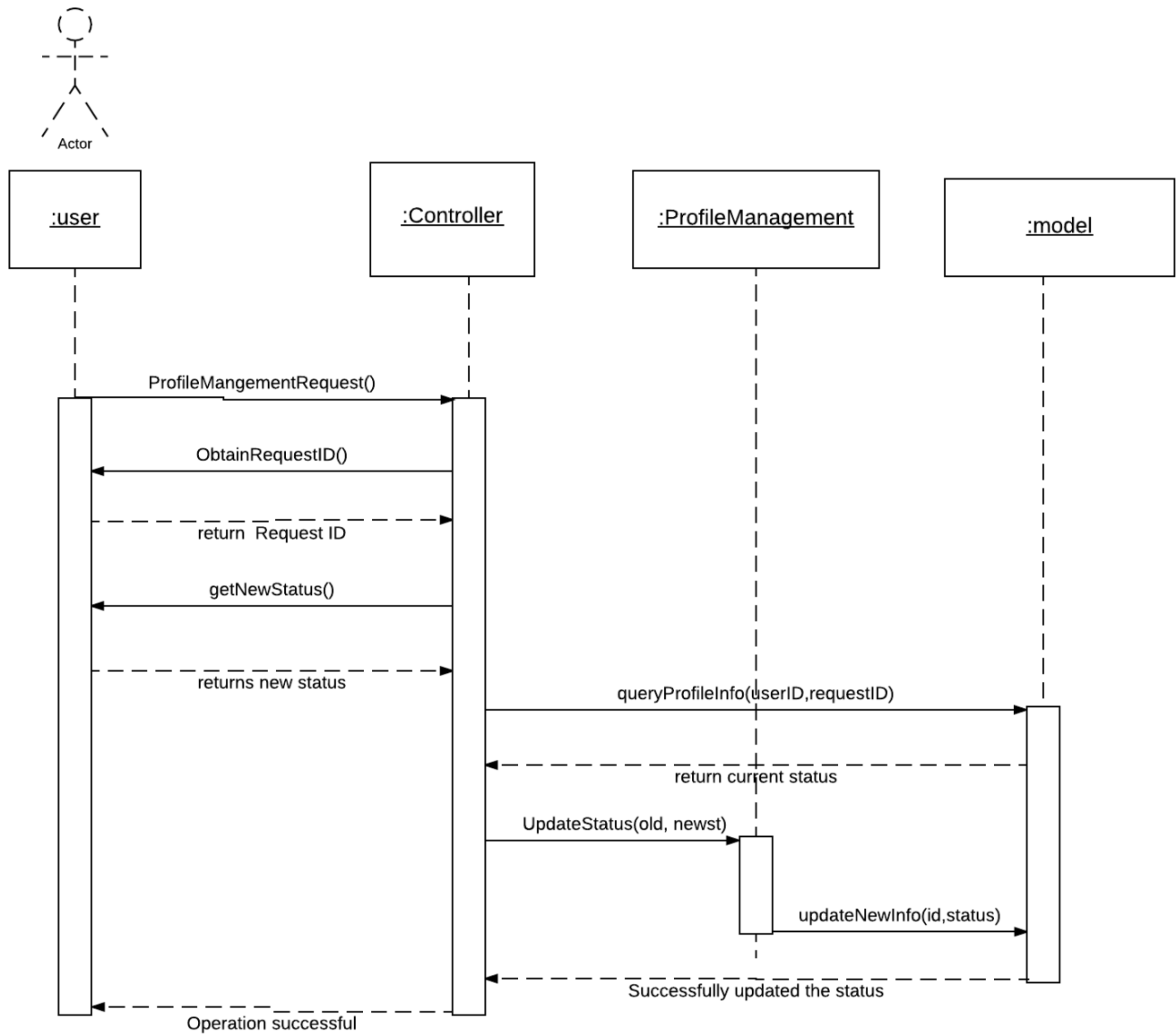
1) Use Case Name: Update Status

Requirement ID : US – 03

Use Case ID: UC – 03

Created By: Mridula Natrajan

Description: The user can update their status as a feature of profile Management



2) Use Case Name: Delete Account

Requirement ID : US – 06

Use Case ID: UC-06

Created By: Mridula Natrajan

Description: The user can delete their account as a feature of profile Management

