



CS352 – Software Engineering II

Phase 2-b Template

2015

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Your Restful API

Service name	CreateUserPostService	
Input type	POST	
Service URL	http:// socialnetwork-fci.appspot.com/rest/ CreateUserPost	
Parameters		
	NAME	Description
	owner	The author user
	content	The content of the post
	onWall	The name of the user's timeline
	privacy	Provided privacy (public,private,custom)
	feeling	Provided feeling



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	custom	jsonArray of custom users which can see the post if the privacy is custom	
Example request	POST http:// socialnetwork-fci.appspot.com/rest/ CreateUserPost? owner = Heba& content=posst1& onWall=Heba& privacy =public& feeling =Happy& custom=		
Example response	{"Status":"OK"}		

Service name	CreateFriendPostService	
Input type	POST	
Service URL	http:// socialnetwork-fci.appspot.com/rest/ CreateFriendPost	
Parameters		
	NAME	Description
	owner	The author user



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	content	The content of the post	
	onWall	The name of the user's timeline	
	privacy	Provided privacy (public,private,custom)	
	custom	jsonArray of cutom users which can see the post if the privacy is custom	
Example request	POST http:// socialnetwork-fci.appspot.com/rest/ CreateFriendPostService? owner = Heba& content=posst1& onWall=Sarah& privacy =public&& custom=		
Example response	{"Status":"OK"}		

Service name	CreatePagePostService
Input type	POST
Service URL	http:// socialnetwork-fci.appspot.com/rest/



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	CreatePagePost	
Parameters	NAME	Description
	owner	The author user
	content	The content of the post
	onWall	Name of the page
	privacy	Provided privacy (public,private,custom)
	custom	JSONArray of custom users which can see the post if the privacy is custom
Example request	POST http:// socialnetwork-fci.appspot.com/rest/ CreateFriendPostService? owner = Heba& content=posst3& onWall=fatafet& privacy =private&& custom=	
Example response	{"Status":"OK"}	



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Service name	CreateSharePostService															
Input type	POST															
Service URL	http:// socialnetwork-fci.appspot.com/rest/ CreateSharePost															
Parameters	<table><tr><th>NAME</th><th>Description</th></tr><tr><td>postID</td><td>Original post ID</td></tr><tr><td>owner</td><td>The user that shared the post</td></tr><tr><td>content</td><td>The content of the post</td></tr><tr><td>onWall</td><td>Name of the page</td></tr><tr><td>privacy</td><td>Provided privacy (public,private,custom)</td></tr><tr><td>custom</td><td>jsonArray of cutom users which can see the post if the privacy is custom</td></tr></table>		NAME	Description	postID	Original post ID	owner	The user that shared the post	content	The content of the post	onWall	Name of the page	privacy	Provided privacy (public,private,custom)	custom	jsonArray of cutom users which can see the post if the privacy is custom
NAME	Description															
postID	Original post ID															
owner	The user that shared the post															
content	The content of the post															
onWall	Name of the page															
privacy	Provided privacy (public,private,custom)															
custom	jsonArray of cutom users which can see the post if the privacy is custom															



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Example request	POST http:// socialnetwork-fci.appspot.com/rest/ CreateFriendPostService? postID=3&owner = Heba& content=posst1& onWall=Heba& privacy =private&& custom=
Example response	{"Status":"OK"}

Service name	getTrendsService
Input type	POST
Service URL	http:// socialnetwork-fci.appspot.com/rest/getTrendsService
Parameters	NONE
Example request	POST http://socialnetwork-fci.appspot.com/rest/getTrendsService
Example response	{ {"hashtagLink": "<form action='viewHashtagPosts' method='POST'><input type='hidden' name='hashtagName' value='project'><div class='buttonHolder'><input type='submit' class='submitLink' value='project'></div></form> " } , {"hashtagLink": "<form action='viewHashtagPosts'



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	<pre>method='POST'><input type='hidden' name='hashtagName' value='SWE'><div class='buttonHolder'><input type='submit' class='submitLink' value='SWE'></div></form>

" }}}</pre>
--	--

Service name	getHashtagPostsService	
Input type	POST	
Service URL	http:// socialnetwork-fci.appspot.com/rest/GetHashtagPostsService	
Parameters		
	NAME	Description
	hashtagName	name of the desired hashtag
	uname	username of the currently logged in user
Example request	POST http:// socialnetwork-fci.appspot.com/rest/GetHashtagPostsService? hashtagName=SWE&uname = Ziad	
Example response	{ {"post": "Ziad posted on Heba’s timeline This is a testing post <form action='like' method='POST' style ='display:inline;’><input type='hidden' name='postID' value='2'><input type='submit' value='Like'></form><pre	



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	<pre> style ='display:inline;'> </pre><form action='share' method='POST' style ='display:inline;'><input type='hidden' name='postId' value='2'><input type='submit' value='Share'></form>

"}, {"post":"Ziad posted
This is a testing post
feeling great
<form action='like' method='POST' style ='display:inline;'><input type='hidden' name='postId' value='3'><input type='submit' value='Like'></form><pre style ='display:inline;'> </pre><form action='share' method='POST' style ='display:inline;'><input type='hidden' name='postId' value='3'><input type='submit' value='Share'></form>

" } </pre>
--	--

Service name	GetNewsFeed	
Input type	POST	
Service URL	http:// socialnetwork-fci.appspot.com/rest/GetNewsFeed	
Parameters		
	NAME	Description
	uname	username of the currently logged in user
Example request	POST http:// socialnetwork-fci.appspot.com/rest/GetNewsFeed? uname = Ziad	



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Example response	<pre>{ {"post": "Ziad posted on Heba's timeline
This is a testing post
<form action='like' method='POST' style='display:inline;'><input type='hidden' name='postID' value='2'><input type='submit' value='Like'></form><pre style='display:inline;'> </pre><form action='share' method='POST' style='display:inline;'><input type='hidden' name='postID' value='2'><input type='submit' value='Share'></form>

"}, {"post": "Ziad posted
This is a testing post
feeling great
<form action='like' method='POST' style='display:inline;'><input type='hidden' name='postID' value='3'><input type='submit' value='Like'></form><pre style='display:inline;'> </pre><form action='share' method='POST' style='display:inline;'><input type='hidden' name='postID' value='3'><input type='submit' value='Share'></form>

" } }</pre>
------------------	--

Service name	GetPostsForTimeLineService
Input type	POST
Service URL	http://socialnetwork-fci.appspot.com/rest/GetPostsForTimeLine
Parameters	



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	NAME	Description
	onWall	name of the user/page that has the post on its wall
	uname	username of the currently logged in user
Example request	POST http://socialnetwork-fci.appspot.com/rest/GetPostsForTimeLine?uname=Ziad	
Example response	<pre>{ {"post": "Ziad posted on Heba's timeline
This is a testing post
<form action='like' method='POST' style='display:inline;'><input type='hidden' name='postID' value='2'><input type='submit' value='Like'></form><pre style='display:inline;'> </pre><form action='share' method='POST' style='display:inline;'><input type='hidden' name='postID' value='2'><input type='submit' value='Share'></form>

"}, {"post": "Ziad posted
This is a testing post
feeling great
<form action='like' method='POST' style='display:inline;'><input type='hidden' name='postID' value='3'><input type='submit' value='Like'></form><pre style='display:inline;'> </pre><form action='share' method='POST' style='display:inline;'><input type='hidden' name='postID' value='3'><input type='submit' value='Share'></form>

" } }</pre>	



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Service name	LikePage		
Input type	POST		
Service URL	http:// socialnetwork-fci.appspot.com/rest/likePage		
Parameters	NAME	Description	
	CurrentUser	The user who will like the page	
	pageName	Name of page to be liked	
Example request	POST http:// socialnetwork-fci.appspot.com/rest/LikePage? currentUser = Sarah& pageName=FCI		
Example response	("Status", "you've already liked this page")		

Service name	createPage		
Input type	POST		
Service URL	http:// socialnetwork-fci.appspot.com/rest/createPage		
Parameters	NAME	Description	
	Name	Name of page	



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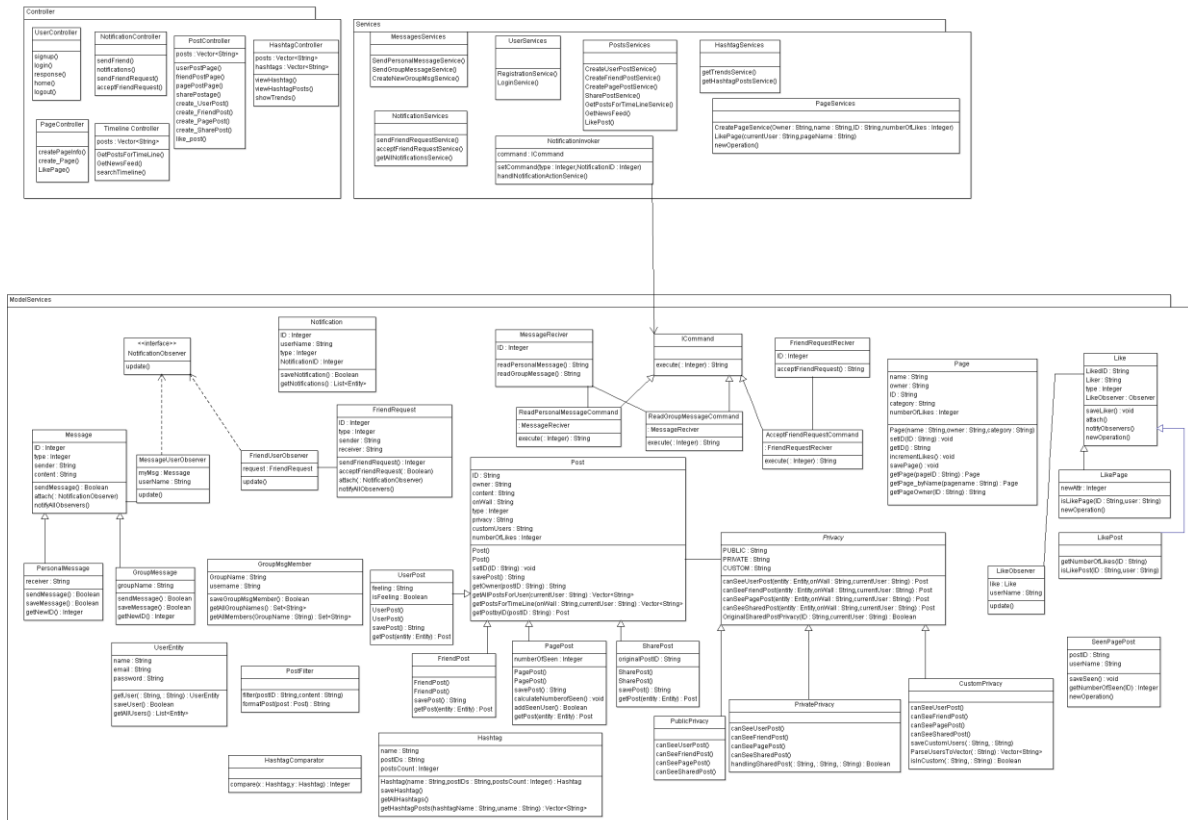
		to be created
	Category	Page's category (entertainment, science ,...)
	numberOfLikes	Number of people who liked this page
	owner	Name of page creator/owner
Example request	POST http:// socialnetwork-fci.appspot.com/rest/createPage? name = FCI&owner=Sarah&category=education&numberOfLikes=1	
Example response	("Status", "Page has been successfully created")	



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Class diagram design

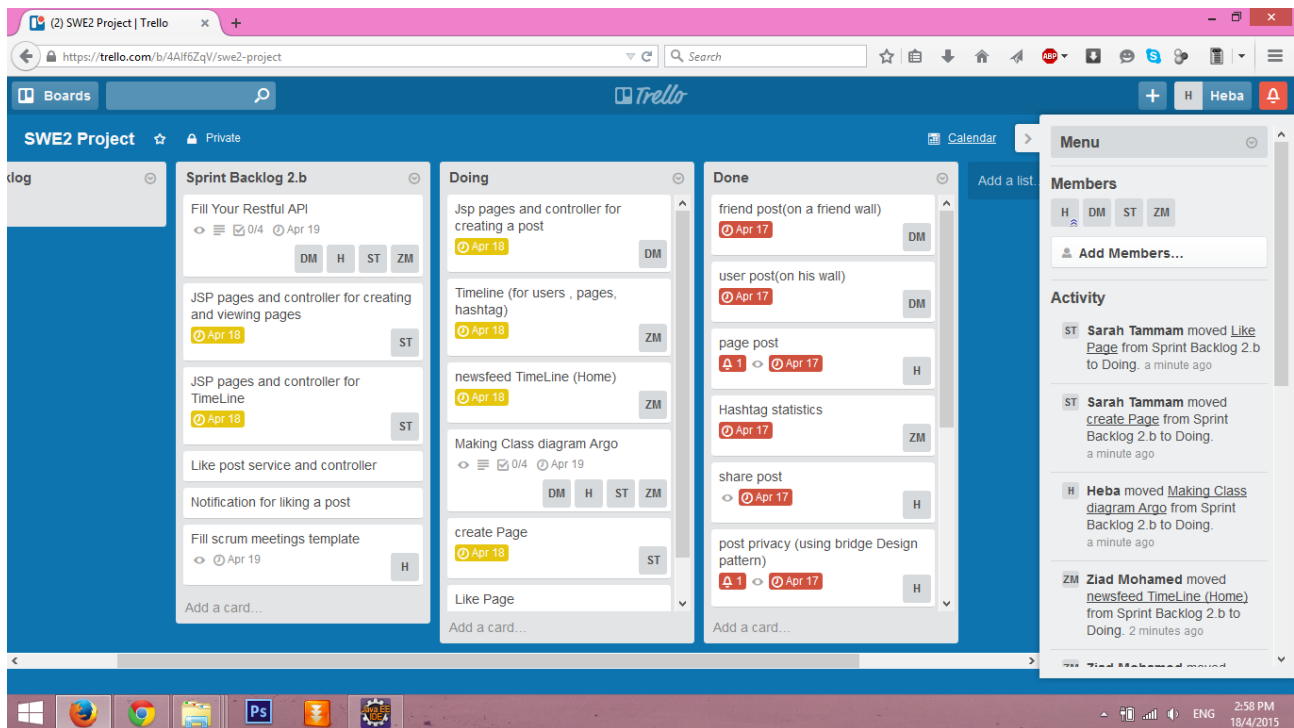




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Trello workspace screenshot



Daily scrum Meetings

Filled 6 templates for 6 meetings

Github repository link

https://github.com/heba-khazbak/FCI-CS352-CS_2.git