FCI SQUARE

FCISquare

CS352 – Software Engineering II

Phase 2-b Template

2016

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Restful API

1- Post

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/post	
Input Type	POST	
Parameters	**Parameter Name**	**Description**
	userid	User's ID
	placeid	Place ID in which a check-in is done
	body	Post content
Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/post Content-Type: application/x-www-form-urlencoded name=mohamed&email=m.samir&pass=123456789	
Example Response		

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2- Add Place

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/addplace	
Input Type	POST	
Parameters	**Parameter Name**	**Description**
	name	User's name
	desc	Description for that place
	lat	Latitude
	lon	Longitude
Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/addplace Content-Type: application/x-www-form-urlencoded name=mohamed&email=m.samir&pass=123456789	
Example Response	*{"name":"Pedo Bear Park", "desc":"An awesome theme park for kids", "lat":0.434222, "lon":-34.324234}*	

3- Save Place

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/saveplace	
Input Type	POST	
Parameter	**Parameter Name**	**Description**
	userid	User's ID
	placeid	The ID of the place to save
Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/saveplace Content-Type: application/x-www-form-urlencoded name=mohamed&email=m.samir&pass=123456789	
Example Response	*{"name":"Pedo Bear Park", "desc":"An awesome theme park for kids", "lat":0.434222, "lon":-34.324234}*	

4- Search

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/search
Input Type	POST

Parameter	Parameter Name	Description
	query	The query to look up
	filter	Specify the type of objects to look up

Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/search Content-Type: application/x-www-form-urlencoded query=paris&filter=0
Example Response	

5- Like

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/like
Input Type	POST

Parameter	Parameter Name	Description
	userid	User's ID
	postid	Post's ID

Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/like Content-Type: application/x-www-form-urlencoded userid=11&postid=4
Example Response	*{"status": true}*

6- Comment

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/comment	
Input Type	POST	
Parameter	**Parameter Name**	**Description**
	userid	User's ID
	postid	Post's ID to comment on
	body	Comment content
Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/comment Content-Type: application/x-www-form-urlencoded userid=11&postid=4&body=nice place	
Example Response		

7- Notification

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/notifications	
Input Type	POST	
Parameter	**Parameter Name**	**Description**
	userid	User's ID
Example Request	POST http://swproject404error.rhcloud.com/FCISquare/rest/notifications Content-Type: application/x-www-form-urlencoded userid=11	
Example Response	*[{"date":Sun Jun 12 01:00:00 CAT 2016,"description":"bob bob bob","id":1,"type":0,"target":1},{"date":Mon Apr 25 17:00:31 CAT 2016,"description":"mohamed commented on your post","id":2,"type":1,"target":1},{"date":Mon Apr 25 20:48:06 CAT 2016,"description":"mohamed commented on your post.","id":6,"type":1,"target":1}]*	

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8- Show Post

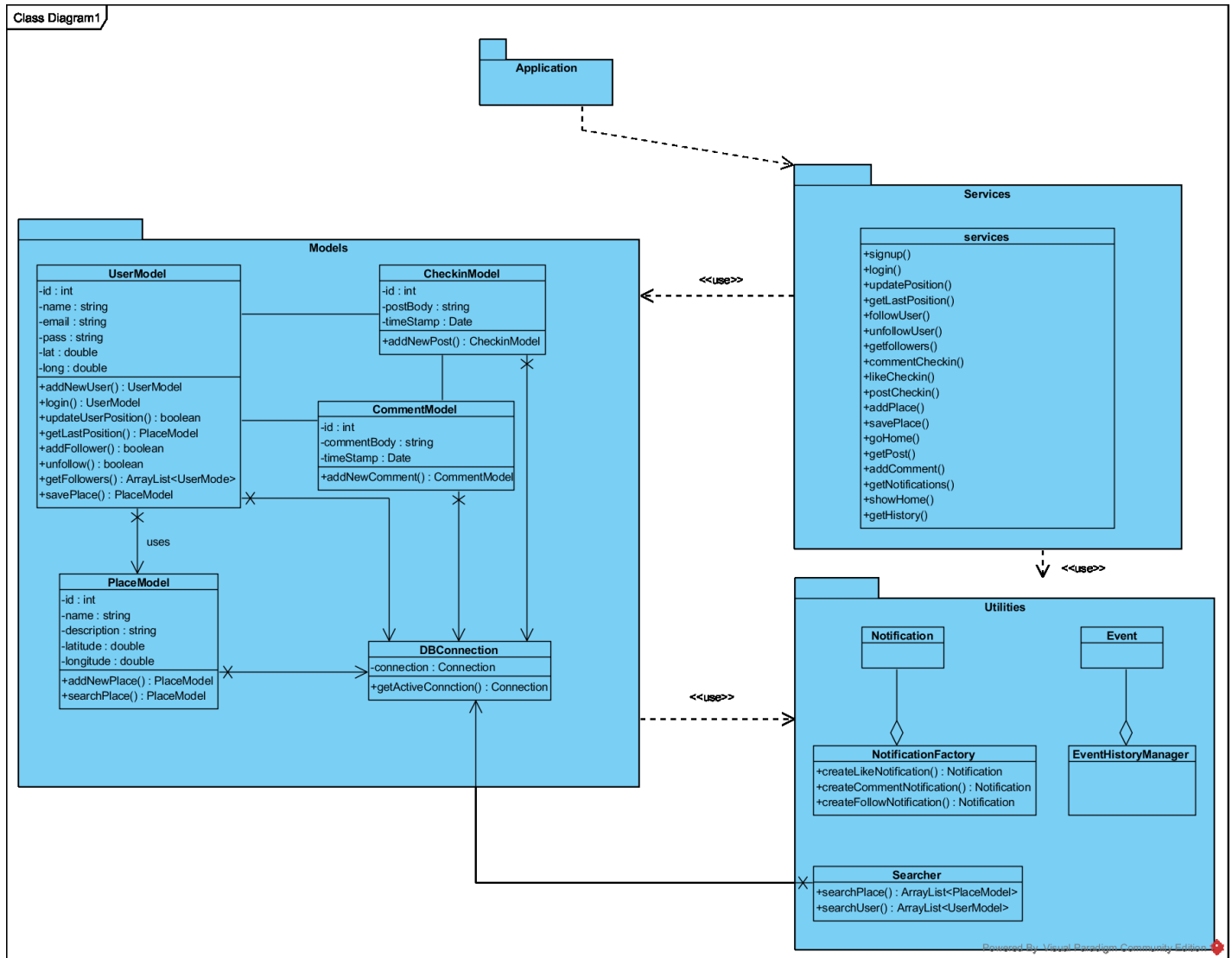| Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/showpost	
Input Type	GET	
Parameter	**Parameter Name**	**Description**
	postid	Post's ID
Example Request	GET http://swproject404error.rhcloud.com/FCISquare/rest/showpost Content-Type: application/x-www-form-urlencoded postid=1	
Example Response	*{"comments":[{"owner":{"name":"mohamed","id":2,"email": "mhmdsamir1@gmail.com"},"commentdate":1461284521000,"commentbody":"cool bro i should visit it someday","commentid":1},{"owner":{"name":"mohamed","id":3,"email":"mhmdsamir91@gmail.com"},"commentdate":1461596431000,"commentbody":"cool bro i should visit it someday","commentid":2},{"owner":{"name":"mohamed","id":3,"email":"mhmdsamir91@gmail.com"},"commentdate":1461610086000,"commentbody":"cool bro i should visit it someday","commentid":3}],"postbody":"Hey guys, it's a very cool place","postdate":1461282009000,"postid":1,"place":{"placeid":1,"descrition":"A public park for family time","placename":"Local Park","long":10.69333,"lat":0.24527},"likes":[1,2,4,5]}*	

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9- Show Home

Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/showhome
Input Type	GET
Parameter	**Parameter Name** / **Description**
	userid — User's ID
Example Request	GET http://swproject404error.rhcloud.com/FCISquare/rest/showhome Content-Type: application/x-www-form-urlencoded userid=11
Example Response	*{"places":[{"placelat":0.5524,"placeid":6,"descrition": "Very Luxurious","placename":"Brown Park","placelong":0.6995}],"users":[{"userid":7,"email" :"johny@svc.com","username":"John Brown","userlat":1.0E-4,"userlong":0.52254}]}*

10- History
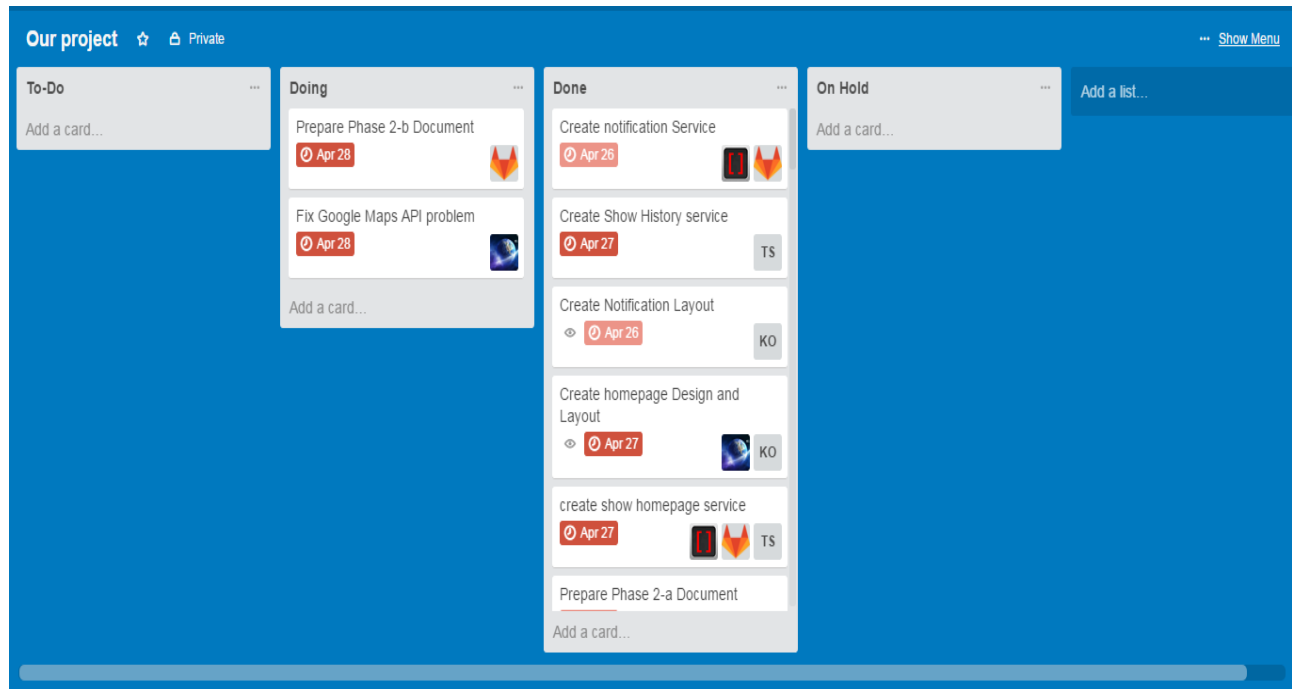
Service URL	http://swproject404error.rhcloud.com/FCISquare/rest/history
Input Type	GET
Parameter	**Parameter Name** / **Description**
	userid — User's ID
Example Request	GET http://swproject404error.rhcloud.com/FCISquare/rest/history Content-Type: application/x-www-form-urlencoded userid=11
Example Response	*{"places":[{"placelat":0.5524,"placeid":6,"descrition": "V*

Class diagram design

Trello workspace screenshot

Captured on Mar 26th 2016 at 04:30 AM

Github repository link

Public repository

backend

https://github.com/andyalbert/backend/

https://github.com/andyalbert/frontend/

frontend