Cairo University   **Faculty of Computers and Information**

CS352 – Software Engineering II

Phase 1-a Template

2015

Project Team

ID	Name	Email	Mobile
20120397	Menna Allah aly Mohamed	Monygirl_2010@yahoo.com	
20120484	Hadeer Mohamed Hassan	hadeermuhamad10000@gmail.com	
20120510	Bassma Ezzat lofty	bosbosa.94@gmail.com	
20120433	Noran said Mustafa	Noran.said@yahoo.com	

Staff: Dr Mohammad El-Ramly   m.elramly@fci-cu.edu.eg

TA: [Omar Khalid-Desouki Abdelkawy]

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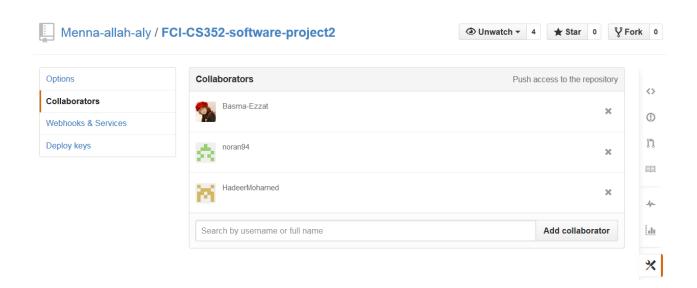
Github repository link

- **the purpose of the github repository :-**

    GitHub is a web-based Git repository hosting service, which offers all of the distributed revision control and source code management (SCM) functionality of Git as well as adding its own features, according to GitHub offers both paid plans for private repositories and free accounts Our team can make free accounts on GitHub which allow us to share our work in repository and Everyone in the team can make his/her tasks and upload it again .it help us to organize our code/project since everyone can see all changes which happened in the project.

- **Provide url of our repository:-**

    The URL is ---> https://github.com/Menna-allah-aly/FCI-CS352-software-project2.git

- **snapshot with names:-**

CS352: Phase 1 – Team Name, Proj Name

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- **Our repository name** is **FCI-CS352-software-project2**

Used Technologies:-

- **the technologies we will use in this project**:-
    1. Google App Engine
    2. Google Big Table
    3. JSP
    4. Trello
    5. Jax
    6. Github

- The technology description:-

1. Google App Engine :-

Google App Engine is a Platform as a Service (PaaS) offering that lets you build and run applications on Google's infrastructure. App Engine applications are easy to build, easy to maintain, and easy to scale as your traffic and data storage needs change. With App Engine, there are no servers for you to maintain. You simply upload your application and it's ready to go.

2. Google Big Table

is a compressed, high performance, and proprietary data storage system built on Google File System, Chubby Lock Service, SSTable and a few other Google technologies. It is not distributed outside Google, although it underlies Google Datastore, which is available as a part of Google Cloud Platform.we used it because the database is non relational and also that you cannot instantly do "Joins" on your data.

3. JSP

Java Server Page (JSP) is a technology for controlling the content or appearance of Web pages through the use of servlets, small programs that are specified in the Web page and run on the Web server to modify the Web page before it is sent to the user who requested it.we used it because JSP files help to deliver server side customized content on a webpage through servlets. JSP files keep the Java code secret because it runs server side.

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4. Trello

Trello is a collaboration tool that organizes your projects into boards. In one glance, Trello tells you what's being worked on, who are working on what, and where something is in a process .

5. Jax

AJAX stands for **A**synchronous **Ja**vaScript and **X**ML. AJAX is a new technique for creating better, faster, and more interactive web applications with the help of XML, HTML, CSS, and Java Script.

6. Github

Github is a web based git repository hosting service which offers all of the distributed revision control and source code management functionality of git as well as adding its own features unlike git strictly a command line tool GitHub provides a web based graphical interface and desktop as well as mobile integration. **GitHub offers both paid plans for private repository, and easy to used and free accounts, which are usually used to host open source software** projects.

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Frontend environment

- **The technology we will use is Web**

Role of each member in the team

Member name	Role
Menna Allah ali Mohamed	Github repository link point
Bassma Ezzat lofty	Description of google app engine & trello
Hadeer Mohamed Hassan	Description of google big table & jsp
Noran said Mustafa	Description of JAX & GIthub