**بسم الله الرحمن الرحيم**

**Project Working Plan**

**Deadline: Friday 15/1/2020 (After 18 days)**

Working steps

1. Making a repository (Monday 28/12/2020)

* Repo link : <https://github.com/Ashar889/His-project-.git>
* Git& Github for any problems :

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAw4eOj58MZPakHjaO3frVMF>

<https://www.youtube.com/watch?v=RGOj5yH7evk>

1. Choosing the department & research on its database requirements (Wednesday 30/12/2020)
2. Designing the web page model (Thursday 31/12/2020) //Will be discussed in a meet

* Using Photoshop or simple sketch
* Tutorial links :
* Sketching:

<https://www.youtube.com/watch?v=-Dwo-UOjDuw>

<https://www.youtube.com/watch?v=4xsATP-X3vM>

* Photoshop

<https://www.youtube.com/watch?v=Dzr5xQeDQqk>

<https://www.youtube.com/watch?v=Jydr0kw5LYA>

Note: Presentation topic will be discussed in the same meet //If we did not have to discuss it earlier and the meet will be after the Equipment submission.

1. Static web page //Two members (Sunday 3/1/2020)

* The tools needed: HTML, CSS, HTML5, CSS3, JS, Maybe jQuery.
* Useful tutorials :
* HTML : <https://www.youtube.com/playlist?list=PLDoPjvoNmBAwClZ1PDcjWilxp9YERUbNt>
* CSS

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAzAeIcXA3_JsmSkPKOs9W-Y>

* HTML5

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAyXCAQMLhDRZsLi_HurqTBZ>

* CSS3

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAyEyQaHOHO1HJtmSgGt07VC>

* JS

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAw6p0z0Ek0OjPzeXoqlFlCh>

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAxhsMvDrXldKClH7FdE8WSf>

* jQuery

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAwXDFEEpc8TT6MFbDAC5XNB>

* Creating a website from preview [HTML,CSS]

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAxzmjuEpKP8r4sVWEtFvKoq>

* Creating a website from preview [HTML,CSS4,jQuery]

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAzVWN837CWYXS18LJ69HvRV>

* Web design tutorial

<https://www.youtube.com/playlist?list=PLDoPjvoNmBAwaV2taZfJ8WCSy-TmYvUYc>

1. Design database model and MySQL model //Three members (Sunday 3/1/2020) //Can be postponed

* Designing database model

<https://www.youtube.com/watch?v=cepspxPAUTA>

<https://www.youtube.com/watch?v=ztHopE5Wnpc&t=10413s>

* MySQL

<https://www.youtube.com/watch?v=DftlOK7fCtc&list=PLDoPjvoNmBAz6DT8SzQ1CODJTH-NIA7R9>

1. Requirements distribution (Monday 4/1/2020)

* Different users can use the application and each category can do different stuff (eg. Doctors, Patients, Admin,etc.)(Aya)
* The application should use static files, file uploads (eg. patients scans) (Alaa)
* <https://stackabuse.com/serving-static-files-with-flask/>
* user sign up and sign in forms (Aya)
* <https://www.youtube.com/watch?v=wRYKa7Pzem4>
* <https://developer.okta.com/blog/2018/07/12/flask-tutorial-simple-user-registration-and-login>
* Use responsive theme (eg. Bootstrap) as the application will be assessed from mobile view (Radwa)
* <https://www.youtube.com/playlist?list=PLDoPjvoNmBAw24EjNUp_88S1VeaNK8Cts>
* Synchronize the application with google calendar or any calendar for doctors.(Ashar)
* <https://developers.google.com/calendar/quickstart/python>
* <https://www.youtube.com/watch?v=j1mh0or2CX8>
* <https://www.youtube.com/watch?v=1JkKtGFnua8>
* contact us forms for any complains or special request (Walaa)
* <https://realpython.com/python-web-applications-with-flask-part-ii/>
* <https://realpython.com/flask-by-example-part-3-text-processing-with-requests-beautifulsoup-nltk/>
* <https://www.digitalocean.com/community/tutorials/processing-incoming-request-data-in-flask>
* statistical analysis for the admin entry (Ashar)
* <https://soshace.com/how-i-built-an-admin-dashboard-with-python-flask/>

Note: It is a random tasks distribution and we can change it in the meeting

1. Requirements deadline (Saturday 9/1/2020)
2. Collecting All work (Till Monday 11/1/2020)
3. Solving problems and Errors (Till Thursday 14/1/2020)
4. Final Submission (Friday 15/1/2020)

**General Useful Resources:**

* <https://www.youtube.com/playlist?list=PLillGF-RfqbbbPz6GSEM9hLQObuQjNoj_>
* <https://www.youtube.com/watch?v=mvZHDpCHphk&list=PLDoPjvoNmBAyE_gei5d18qkfIe-Z8mocs>
* <https://www.youtube.com/watch?v=wIy0Gyz2Jlo>
* <https://www.youtube.com/watch?v=Z1RJmh_OqeA>
* <https://www.tutorialspoint.com/flask/index.htm>
* <https://www.w3schools.com/>
* <https://developer.mozilla.org/en-US/>
* <https://www.lovelycoding.org/hospital-management-system-project-for-final-year/>

**Useful Projects:**

* [**https://code-projects.org/hospital-management-system-in-python-with-source-code/**](https://code-projects.org/hospital-management-system-in-python-with-source-code/)
* [**https://github.com/styagi130/Hospital-management-system**](https://github.com/styagi130/Hospital-management-system)
* [**https://github.com/poornaonline/FlaskHospitalManagementSystem**](https://github.com/poornaonline/FlaskHospitalManagementSystem)
* [**https://github.com/Seyidayo/Hospital-Management-System**](https://github.com/Seyidayo/Hospital-Management-System)