

# 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=RGQj5yH7evk>
2. Choosing the department & research on its database requirements (Wednesday 30/12/2020)
3. 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.

4. 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](https://www.youtube.com/playlist?list=PLDoPjvoNmBAzAeIcXA3_JsmSkPKOs9W-Y)
- HTML5  
[https://www.youtube.com/playlist?list=PLDoPjvoNmBAyXCAQMLhDRZsLi\\_HurqTBZ](https://www.youtube.com/playlist?list=PLDoPjvoNmBAyXCAQMLhDRZsLi_HurqTBZ)
- CSS3  
<https://www.youtube.com/playlist?list=PLDoPjvoNmBAyEyQaHOHO1HJtmSgGt07VC>
- JS  
<https://www.youtube.com/playlist?list=PLDoPjvoNmBAw6p0z0Ek0OjPzeXoqlFICh>  
<https://www.youtube.com/playlist?list=PLDoPjvoNmBAxhsMvDrXldKCIH7FdE8WSf>
- jQuery  
<https://www.youtube.com/playlist?list=PLDoPjvoNmBAwXDFEEpc8TT6MFbDAC5XNB>
- Creating a website from preview [HTML,CSS]  
<https://www.youtube.com/playlist?list=PLDoPjvoNmBAxzmjuEpKP8r4sVWEtFvKog>
- 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>

5. 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>

## 6. 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\\_88S1Ve\\_aNK8Cts](https://www.youtube.com/playlist?list=PLDoPjvoNmBAw24EjNUp_88S1Ve_aNK8Cts)
- 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

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

### General Useful Resources:

- ✓ <https://www.youtube.com/playlist?list=PLl1GF-RfqbbbPz6GSEM9hLQObuQjNoj>
- ✓ [https://www.youtube.com/watch?v=mvZHDpCHphk&list=PLDoPjvoNmBAyE\\_gei5d18qkfIe-Z8mocs](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.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://github.com/styagi130/Hospital-management-system>
- ✓ <https://github.com/poornaonline/FlaskHospitalManagementSystem>
- ✓ <https://github.com/Seyidayo/Hospital-Management-System>