**GRADUATION PROJECT PROPOSAL**

**Doctor Patient portal**

**PROJECT PROPOSAL**

12/10/2019

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| **PROJECT Description** | A lot of patients seek for appropriate Doctor and all of them go to doctor based on their neighbors or relative recommendation, but after all that hardly they find an appointment in the targeted clinic.  And the doctors need to organize the appointments so here our project role comes which aims to help both patient and doctor needs and automate the process. | | |
| **OBJECTIVES** | 1. The system allows patient to evaluate doctor based on its experience with this doctor. 2. The system allows patients to filter doctors list by the following criteria:  * Doctor Evaluation on the system. * Doctor specialist and title. * Doctor experience years (suggestion).  1. The system allows patients to book doctor appointments and view medical progress. 2. The system allows doctors to manage their booking online 3. The system allows patients to book for clinic appointment. 4. The system allows patients to view his/her medical history. 5. The system allows doctors to view patient medical history. 6. The system alerts patient to have its medicine based on its prescription. 7. recommend doctors based on symptoms of the disease and ability to filter doctors list according to its evaluation on the system and its clinical location for current patient location. 8. The system recommends nearby pharmacy. | | |
| **Modules** | 1. User Role Management. 2. Patient Management. 3. Patient Profile Management. 4. Patient Medical History management and archiving. 5. Doctor Management. 6. Doctor Profile Management. 7. Evaluate a doctor and register patient feedback. 8. Browsing Doctors list and ability to filter according to predefined criteria. 9. Doctors recommendation based on symptoms of disease. 10. Pharmacy recommendation assistance. 11. Notification Module: Notify Patient with its medicines having time based on doctor prescription. | | |
| **TIMELINE**  (optional) | | | |
| **PHASE** | | **TASK** | **START & END DATES**  (estimated) |
| 1 | | Elicitation of requirement | * From: 9/10/2019 * To: 20/10/2019 |
| 1 | | Preparation, Planning, Define tasks and estimated timeframe | * From: 23/10/2019 * To: 23/11/2019 |
| 1 | | Analysis and validate the requirement and Use Case Diagram | * From: 25/11/2019 * To: 25/12/2019 |
| 1 | | Architecture and Detailed Design | * From: 30/12/2019 * To: 15/1/2019 |
| 1 | | Implementation (need details later) | * From: 15/2/2019 * To: 15/5/2019 |
| 1 | | WB Testing (Unit & Integration & System test) and BB Testing (Smoke & Load & Acceptance & View test) | * From: 15/2/2019 * To: 20/6/2019 |