Hospital Management System

Zain Habib, Jason Ryu, Taeyoon Choi, Sunjun Eoh

|  |  |
| --- | --- |
| Hospital\_Launcher.java | |
| Responsibilities   * Main method for our program * Based on user inputs, the program runs Doctor, Assistant, Patient | Collaborators   * Doctor\_Launcher.java * Assistant\_Launcher.java * Patient\_Launcher.java |

|  |  |
| --- | --- |
| Doctor\_Launcher.java | |
| Responsibilities   * Call doctor’s information and schedule | Collaborators   * Doctor\_Info.java * Doctor\_Schedule.java * Hospital\_Launcher.java |

|  |  |
| --- | --- |
| Doctor\_Info.java | |
| Responsibilities   * Add doctor’s information * Add doctor’s name, License Number, Specialty, Non-specialty treatment * Read and write file of doctor information | Collaborators   * Doctor\_Launcher * Doctor\_Info.data |

|  |  |
| --- | --- |
| Doctor\_Info.data | |
| Responsibilities   * Store data of doctor information | Collaborators   * Doctor\_Info.java |

|  |  |
| --- | --- |
| Doctor\_Schedule.java | |
| Responsibilities   * Add doctor’s schedule * Read and write file of doctor’s schedule | Collaborators   * Doctor\_Launcher.java * Schedule.java |

|  |  |
| --- | --- |
| Schedule.data | |
| Responsibilities   * Store data of doctor schedule | Collaborators   * Doctor\_Launcher.java * Schedule.java |

|  |  |
| --- | --- |
| Assistant\_Launcher.java | |
| Responsibilities   * Add/update doctor’s information * Add/update doctor’s schedule | Collaborators   * Hospital\_Launcher.java * Doctor\_Info.java * Doctor\_Schedule.java * Request.data |

|  |  |
| --- | --- |
| Schedule\_Manager.java | |
| Responsibilities   * Approve patient’s appointment request * Respond to patient’s questions * View past appointments of patients | Collaborators   * Request.data * Schedule.data * Assistant.java |

|  |  |
| --- | --- |
| Patient\_Launcher.java | |
| Responsibilities   * Can view doctor’s list (view only) * Can request schedule | Collaborators   * Hospital\_Launcher.java * Request\_Schedule.java * Doctor\_Info.java * Doctor\_Schedule.java |

|  |  |
| --- | --- |
| Request\_Schedule.java | |
| Responsibilities   * Take patient’s appointment request (time only) | Collaborators   * Request.data * Schedule\_Manager.java * Patient\_Launcher.java |

|  |  |
| --- | --- |
| Request.data | |
| Responsibilities   * Store data of requested schedule | Collaborators   * Doctor\_Launcher.java * Request\_Schedule.java |