| <<FXML>>  HomeViewController |
| --- |
| * <<FXML>> searchProjectBar : TextField * <<FXML>> newProjectId : Button * ObservableList<>()) * root : Region * viewHandler : ViewHandler |
| +HomeViewController()  +init(viewHandler : ViewHandler, root : Region) : void  +reset() : void  +getRoot() : Region   * <<FXML>> newProjectButtonPressed () : void * <<FXML>> searchProjectBarPressed() : void * <<FXML>> projectPressed() : void |

| <<FXML>>  ProjectViewController |
| --- |
| * <<FXML>> titleID : Label * <<FXML>> descriptionID : TextField * root : Region * viewHandler : ViewHandler * model : ManagementSystemModel |
| +ProjectViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel) : void  +reset() : void  - <<FXML>> homeButtonPressed() : void  - <<FXML>> projectOverviewPressed() : void  - <<FXML>> requirementsPressed() : void  - <<FXML>> teamMembersPressed() : void  +getRoot() : Region |

| <<FXML>>  RequirementsListViewController |
| --- |
| * <<FXML>> criticalPriorityList : ListView<>(ObservableList<String> list) * <<FXML>> highPriorityList : ListView<>(ObservableList<String> list) * <<FXML>> mediumPriorityList : ListView<>(ObservableList<String> list) * <<FXML>> lowPriorityList : ListView<>(ObservableList<String> list) * root : Region * viewHandler : ViewHandler * model : ManagementSystemModel |
| +RequirementListViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel) : void  +reset() : void  +getRoot() : Region   * <<FXML>> addButtonPressed() : void   - <<FXML>> homeButtonPressed() : void  - <<FXML>> projectOverviewPressed() : void |

| <<FXML>>  TaskListViewController |
| --- |
| * <<FXML>> taskList : ListView<>(ObservableList<String> list) * root : Region * viewHandler : ViewHandler * model : ManagementSystemModel |
| +TaskListViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel) : void  +getRoot() : Region  +reset() : void  - <<FXML>> homeButtonPressed() : void  - <<FXML>> projectOverviewPressed() : void  - <<> requirementsPressed() : void  - <<FXML>> addButtonPressed() : void  - <<FXML>> teamMembersPressed() : void |

| <<FXML>>  TeamMemberListViewController |
| --- |
| * <<FXML>> teamMembersListTitle : Label * <<FXML>> teamMembersList : ListView<>(ObservableList<> list) * root : Region * viewHandler : ViewHandler * model : ManagementSystemModel |
| +TeamMembersListViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel) : void  +reset() : void  +getRoot() : Region   * <<FXML>> teamMemberPressed(teamMemberID : String) : void * <<FXML>> addButtonPressed() : void * <<FXML>> projectOverviewPressed() : void * <<FXML>> requirementsPressed() : void * <<FXML>> homeButtonPressed() : void |

| <<FXML>>  NewProjectViewController |
| --- |
| * <<FXML>> projectNameID : TextField * <<FXML>> descriptionID : TextField * root : Region * viewHandler : ViewHandler * model : ManagementSystemModel |
| +NewProjectViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel ) : void  +reset() : void  +getRoot() : Region   * <<FXML>> cancelButtonPressed() : void * <<FXML>> saveButtonPressed() : void * <<FXML>> projectNameTyped() : void * <<FXML>> descriptionTyped() : void * <<FXML>> backButtonPressed() : void |

| <<FXML>>  NewRequirementViewController |
| --- |
| * <<FXML>> requirementTitleID : Label * <<FXML>> requirementID : TextField * <<FXML>> descriptionID : TextField * <<FXML>> totalHoursWorkedID : TextField * <<FXML>> estimatedHoursID : TextField * <<FXML>> statusID : TextField * <<FXML>> priorityID : TextField * <<FXML>> deadlineID : TextField * <<FXML>> responsibleTeamMemberID : TextField   -root : Region   * viewHandler : ViewHandler   - model : ManagementSystemModel |
| +NewRequirementViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel)  +reset() : void  +getRoot() : Region   * <<FXML>> cancelButtonPressed() : void * <<FXML>> saveButtonPressed(): void * <<FXML>> backButtonPressed() : void |

| <<FXML>>  TeamMemberViewController |
| --- |
| * root : Region * viewHandler : ViewHandler   - model : ManagementSystemModel |
| * init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel) : void * <<FXML>> removeButtonPressed(): void   - <<FXML>> homeButtonPressed() : void  - <<FXML>> teamMembersPressed() : void  - <<FXML>> projectOverviewPressed() : void  - <<FXML>> requirementsPressed() : void  - <<FXML>> backButtonPressed() : void  +getRoot() : Region  +reset() : void |

| <<FXML>>  NewTaskViewController |
| --- |
| -model : ManagementSystemModel   * root : Region * viewHandler : ViewHandler * <<FXML>> taskTitleID : TextField * <<FXML>> taskID : TextField * <<FXML>> deadlineID : TextField * <<FXML>> statusID : TextField * <<FXML>> totalHoursWorkedID : TextField * <<FXML>> estimatedHoursID : TextField * <<FXML>> responsibleTeamMembersID : TextField |
| +NewTaskViewController()  +init(model : ManagementSystemModel, root : Region, viewHandler : ViewHandler) : void   * + <<FXML>>taskTitlePressed() : void * <<FXML>>taskIDPressed() : void * <<FXML>> responsibleTeamMembersPressed() : void * <<FXML>> totalHoursWorkedPressed() : void * <<FXML>> deadlinePressed() : void * <<FXML>> estimatedHoursPressed(): void * <<FXML>> cancelButtonPressed() : void * <<FXML>> saveButtonPressed(): void * - <<FXML>> homeButtonPressed() : void * - <<FXML>> projectOverviewPressed() : void * - <<FXML>> requirementsPressed() : void * - <<FXML>> tasksPressed() : void * - <<FXML>> teamMembersPressed() : void   +getRoot() : Region  +reset() : void |

| <<FXML>>  NewTeamMemberViewController |
| --- |
| * <<FXML>> nameID: TextField * model : ManagementSystemModel * root : Region * viewHandler : ViewHandler |
| +NewTeamMemberViewController()  +init(viewHandler : ViewHandler, model : ManagementSystemModel, root : Region) : void   * <<FXML>> cancelButtonPressed() : void * <<FXML>> saveButtonPressed(): void * <<FXML>> homeButtonPressed() : void * <<FXML>> projectOverviewPressed() : void * <<FXML>> requirementsPressed() : void * <<FXML>> teamMembersPressed() : void * <<FXML>> backButtonPressed() : void   +getRoot() : Region  +reset() : void |

| <<FXML>>  RequirementViewController |
| --- |
| -root : Region   * viewHandler : ViewHandler   - model : ManagementSystemModel |
| +RequirementViewController()  +init(viewHandler : ViewHandler, root : Region, model : ManagementSystemModel)  +reset() : void  +getRoot() : Region   * <<FXML>> changePriorityButtonPressed() : void * <<FXML>> projectOverviewButtonPressed() : void * <<FXML>> requirementsButtonPressed() : void * <<FXML>> tasksButtonPressed() : void * <<FXML>> teamMembersButtonPressed() : void * <<FXML>> homeButtonPressed() : void |

| ViewHandler |
| --- |
| -currentScene : Scene  -primaryStage : Stage  - model : ManagementSystemModel |
| +ViewHandler(model : ManagementSystemModel)  +start(primaryStage : Stage) : void  +openView(id : String) : void  +closeView() : void  -loadHomeView(fxmlFile : String) : Region  -loadProjectView(fxml : String) : Region  -loadRequirementListView(fxmlFile : String) : Region  -loadTaskListView(fxmlFile : String) : Region  -loadTeamMemberListView(fxmlFile : String) : Region  -loadNewProjectView(fxmlFile : String) : Region  -loadNewRequirementView(fxmlFile : String) : Region  -loadTeamMemberView(fxmlFile : String) : Region  -loadNewTaskView(fxmlFile : String) : Region  -loadNewTeamMemberView(fxml : String) : Region  -loadRequirementViewController(fxmlFile : String) : Region |

| MyApplication |
| --- |
|  |
| +start(primaryStage : Stage) : void |

| Main |
| --- |
|  |
| +main(args : String[]) : void |