ConfigGUI Design Class Diagram - areNumericsValid(): bool Team GulDukat + areFieldsEmpty(): bool - initSimulationSettings(): void LoginGUI - mapScenarioSettings(): void - mapSceneSettings(): void + username: string + password : string + loginStatus: string ConfigController - configGUI : ConfigGUI - simController : SimulationController - scenarioSettings : ScenarioSettings - sceneSettings : SceneSettings - characters : List<Character> - monsters : List<Monster> - user : User - username : string + initSimulation(monsterTypes : List<string>) : void password : string + initializeMonsters(monsterTypes : List<string>) : int - isAdmin: bool - autoFillMonstersToMatchCD(curDL : int) : void Report - scenario : Scenario - scene : Scene ReportController - totalNumOfChars : int ReportGUI - totalNumOfMonsters : int report : Report - totalCD : int - reports : List<Report> - numOfCharsDefeated : int + populateReportsListBox(): void + initializeReport(): void - numOfMonstersDefeated : int + populateReportStatsBreakDown(report : Report) : void + addReport() : void - totalDamageTaken : int - totalDamageGiven: int numOfLevelsProgressed : int - numOfTimesSimRan : int - index : int - simulationDifficulty : string - environmentOfBattle : string - treasure : int

