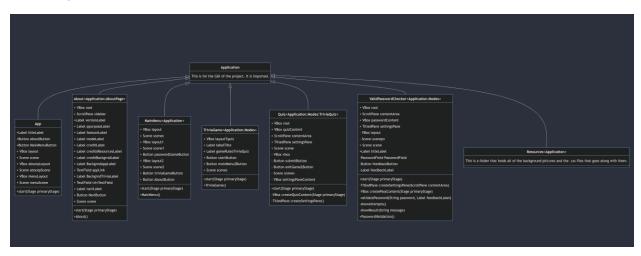Project name: Password App

Team name: MypasswrdisN0T1234

Team member: Iyana Fortia

Final Diagram:

App.java

This is the file with the scene where the user will first see the application. This file is also where if anyone downloads this project, they must run the application on this file. This file's scene introduces the application. This scene has the About button and the Main Menu button. These buttons when pressed will lead you to their respective scenes.

About<Application:AboutPage>

+ VBox root
+ ScrollPane sidebar
+Label versionLabel
+ Label ppurposeLabel
+ Label featureLabel
+ Label modeLabel
+ Label creditLabel
+ Label creditsResourcesLabel
+ Label creditBackgrndLabel
+ Label BackgrndAppLabel
+ TextField appLink
+ Label BackgrndTriviaLabel
+ TextField trivTextField
+ Label naviLabel
+ Button NaviButton
+ Scene scene

+start(Stage primaryStage)
+About()

About.java

This file has all of the information on the project, from its purpose to the credits. For the background pictures, I provided a link to where I found them. The user can copy the URL and paste it into their browser of choice.

MainMenu<Application>

+ VBox layout
+ Scene scenes
+ VBox layout1
+ Scene scene1
+ Button passwordGameButton
+ VBox layout2
+ Scene scene2
+ Button triviaGameButton

+start(Stage primaryStage)
+MainMenu()

MainMenu.java

This file is where the user can access the modes: Trivia Quiz and Password Checker and the About page. The user can access the About page and the Modes when they click on their respective buttons.

TriviaGame<Application:Modes>

+ VBox layoutTquiz
+ Label labelTitle
+ Label gameRulesTriviaQuiz
+ Button startButton
+ Button mainMenu2Button
+ Scene scenes

+start(Stage primaryStage)
+TriviaGame()

TriviaGame.java

This file has the rules for the quiz. Users can access the quiz by clicking on the start button. They can also leave The screen by clicking on the Main Menu button.

Quiz<Application:Modes:TriviaQuiz>

+ VBox root
+ VBox quizContent
+ ScrollPane contentArea
+ TitledPane settingsPane
+ Scene scene
- VBox vbox
- Button submitButton
- Button exitGame2Button
- Scene scenes
- VBox settingsPaneContent

+start(Stage primaryStage)
-VBox createQuizContent(Stage primaryStage)
-TitledPane createSettingsPane()

Quiz.java

This file is where the quiz takes place. The quiz has a submit button. After the user answers all of the questions, they can click on the submit. When the button is pressed, the answers will appear. After they look at the answers, they can either retake the quiz or click on the exit button. The exit button will take the user back to the Main Menu. This file also has a collapsible setting menu.

ValidPasswordChecker<Application:Modes>

+ VBox root
+ ScrollPane contentArea
+ VBox passwordContent
+ TitledPane settingsPane
- VBox layout
- Scene scenepv
+ Scene scene
+Label titleLabel
-PasswordField PasswordField
-Button feedbackButton
-Label feedbackLabel

+start(Stage primaryStage)
-TitledPane createSettingsPane(ScrollPane contentArea)
-VBox createPassContent(Stage primaryStage)
-validatePassword(String password, Label feedbackLabel)
-showAttempts()
-showResult(String message)
+PasswordValidation()

ValidPasswordChecker.java

This file contains a password field, where the user can plug in their password. To check and see if the inputted password is secure enough, they would need to click on the feedback button. The file also has a collapsible setting menu.

Resources Folder

Resources<Application>
This is a folder that holds all of the background pictures and the .css files that goes along with them.