**08.09.2024**

**2022503011**

**Class-Responsibility-Collaboration Cards**

Interactive Programming Learning Learner

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| LOGIN | |
| * Get username and password from user * Validate the credentials * Redirect to the main window after getting the valid credentials | * **MainWindow** |

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| MainWindow | |
| * Load the content on valid credential login * Provide buttons to learn, test their knowledge, and provide daily questions * DIsplay points of the user. * Allow user to navigate to Settings * Allow user to see his profile * Display the badges | * **Login** * **Settings** * **Profile** * **Learn** |

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| Settings | |
| * Allow user to change username and password * Allow user to change the color of the highlighter | * **MainWindow** * **Profile** |

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| Profile | |
| * Check the user profile. * Allow user to check the username. * Display points * Allow user to view the settings | * **MainWindow** * **Settings** |

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| Learn | |
| * Allow user to select the language, either C or java learning path. * Connects with the main window, navigate between them. | * **MainWindow** * **Lessons** |

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| Lessons | |
| * Throw user lessons to learn * Allow user to attend quiz at the end of each lesson * Unlock next lesson only when you complete current lesson * At the end of quiz add the points and give result to the user * Save the progress automatically and update the points | * **Learn** |

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| Test | |
| * Allow user to attend the test. * Display questions based on progress level * Save progress on every test completion and update the points * Get result and display to the user | * **MainWindow** |

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| DailyQuestions | |
| * Provide questions that resets for every 24 hrs * Allow user to attend the test. * Save progress and update the points. * Get result and display to the user | * **MainWindow** |