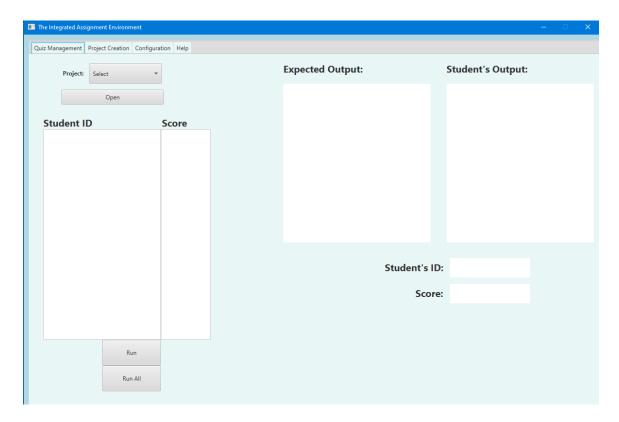# Integrated Assignment Environment Help Guide

Overview

The Integrated Assignment Environment (IAE) is designed to streamline the process of managing, creating, and grading quizzes and projects. This tool is divided into four main tabs: Quiz Management, Project Creation, Configuration, and Help. Below are detailed instructions on how to use each feature.

Quiz Management

1. Select a Project:
   - Choose a project from the Project dropdown list and click Open.

2. Load Student Submissions:
   - Click the Open button to load student submissions. The submissions will be listed in the Student ID section.
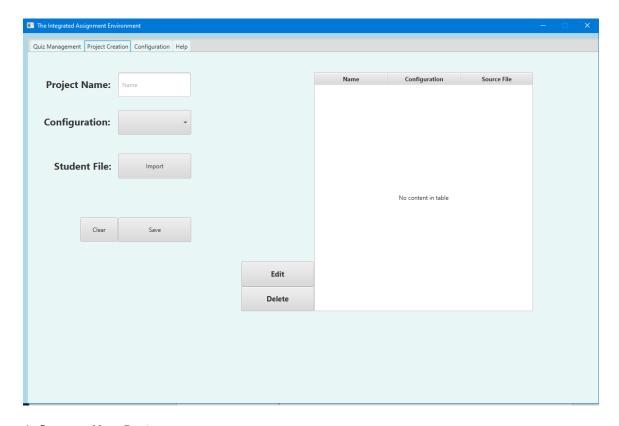
3. Run a Quiz:
   - Select a student submission from the list and click Run to compare the student's output with the expected output.
   - The student's ID and score will be displayed in the corresponding fields.

4. Run All Quizzes:
   - Click Run All to grade all student submissions at once. Scores will be displayed in the Score column next to each student ID.

Project Creation

1. Create a New Project:
   - Enter the project name in the Project Name field.
   - Select a configuration from the Configuration dropdown list.
   - Click Import to load the student file directory.
   - Click Save to create and save the new project.

2. Edit an Existing Project:
   - Select a project from the table and click Edit.
   - Modify the project details as needed.
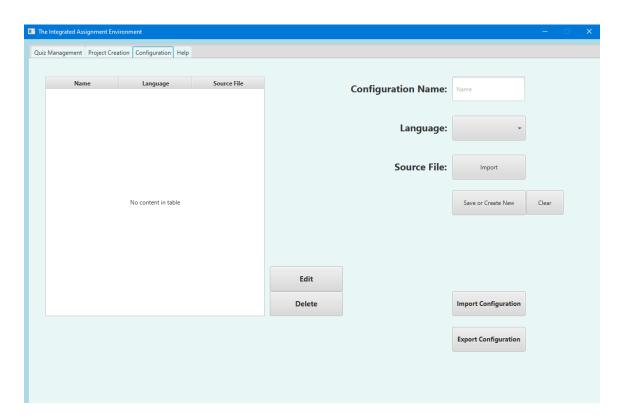   - Click Save to update the project information.

3. Delete a Project:
   - Select a project from the table and click Delete.

4. Clear Fields:
   - Click Clear to reset all fields.

Configuration

1. Create or Save a Configuration:
   - Enter the configuration name in the Configuration Name field.
   - Select the programming language from the Language dropdown list.
   - Click Import to load the source file. Select .py,, .java, .c or .cpp files to import source file .
   -Click Save or Create New to save the configuration.

2. Edit an Existing Configuration:
   - Select a configuration from the table and click Edit.
   - Modify the configuration details as needed.
   - Click Save to update the configuration information.

3. Delete a Configuration:
   - Select a configuration from the table and click Delete.

4. Clear Fields:
   - Click Clear to reset all fields.

5. Import Configuration:
   - Click Import Configuration to load a configuration file from your system.Select only .json files to import configuration.

6. Export Configuration:
   - Select a configuration from the table and click Export Configuration to save the configuration file to your system.

General Tips

- Navigating Tabs: Use the tabs at the top to switch between Quiz Management, Project Creation, Configuration, and Help sections.
- Field Validation: Ensure that all required fields are filled out correctly before saving or running any operations.
- File Paths: The default directory path for configurations and projects is automatically set to the user's default directory.

Additional Notes

- The Help tab contains these instructions and other relevant information for using the IAE.
- Ensure that all files are correctly formatted and compatible with the selected language and project configurations.
- If you encounter any issues or errors, refer to the Help tab for troubleshooting tips or contact support.