

All applications need to be run on a **Duke virtual machine**.

Git clone the repository

```
git clone git@gitlab.oit.duke.edu:kits/project-000-000-01-test/project-team-6.git
```

Android Student Client:

Configuration: JDK version 17 or higher, Gradle version 7.3.3 or higher, Android API 30 or higher.

Installation:

- For PC: download the /Android/studentClient project files and run “gradle run” under the project root directory
- For Android device: download the “studentClient.apk” file under “Android” directory into your mobile device and install it

Function Introduction: the app is for students to log in to view and modify notification preferences for each class. They can also access summary and detailed attendance reports for their classes.

Usage Guideline: each function is clearly indicated by a button, just click it!

Administration App:

Configuration: JDK version 17 or higher, Gradle version 7.3.3 or higher.

Installation (PC only):

1. To run a JavaFX Application, you need to have a window system (such as XQuartz for macOS) installed.
2. Download the Java project files and run “gradle run” under `attendance-management/courseManage` directory.

Usage Guideline: The Administration System is split into **Course Management** and **User Management**, functions are clearly indicated by buttons. There is no log-in process. Same system and similar buttons are emphasized by using the same color.

Faculty Client:

Configuration: JDK version 17 or higher, Gradle version 7.3.3 or higher.

Installation (PC only):

1. To run a JavaFX Application, you need to have a window system (such as XQuartz for macOS) installed.
2. Download the Java project.

First enter the main project directory `cd attendance_management`

Start the server `gradle run-server`

Start the GUI for the faculty client `gradle run-profClient`

Usage Guidelines: After logging into the system, faculty can view all sections of the courses they teach, and upon selecting a section, they can take attendance, modify records, and generate student attendance reports.