

User Manual: Version 2.0

1 SOFTWARE USED

- 1) Script: Python, Tkinter*
- 2) Database: MySQL WorkBench *

*Both the technology are open source(free of charge) and can be easily downloaded using the following links:

Python: <https://www.python.org/downloads/>

MySQLWorkBench: <https://dev.mysql.com/downloads/workbench/>

Note: There is a need for add-on packages in the code to run the GUI better, hence, be careful to maintain the version of packages in use. To avoid major errors, install easy-install and pip libraries in your environment. The best coding environment preferred by us are PyCharm and Anaconda.

PyCharm: <https://www.jetbrains.com/pycharm-edu/download/#section=windows>

Anaconda: <https://conda.io/docs/user-guide/install/download.html>

2 HARDWARE TO SUPPORT

- 1) Windows 10
- 2) RAM: 4GB and above
- 3) Processor: 2.71 GHz

3 NETWORK REQUIREMENT

This software does not need internet connectivity to support its build.

4 STEPS TO RUN THE GUI

- 1) Run the Home Page first which will have all the buttons for the continuing pages i.e. the Registration Page, the Navigation Page, Check-In Page, the Band Assignment and the Dorm Assignment.
- 2) The Registration Page will have all the fields which will define the user profile: Application ID, First Name, Last Name, Age, Age Group, Gender, AddressLine1, AddressLine2, City, State, Zip code, Country, Payment, Accepted, the different forms and the final buttons to send notification or to send the data to the database.
- 3) The Notification Page helps the user to send notification to the camper who is accepted.

- 4) The Check-In Page is used to check-in the user when arriving at the camp.
- 5) The Band and Dorm Assignment pages are used for assigning dorms and bands for both based on the database created from the registration page.

5 FAQs

Contact on GitHub via: [IST303GROUP1/Software-development](#)