PHOTOMETRIC ATTENDANCE

USER MANUAL

Login Page:

There are three types of accounts in the proxy application. They are Student, Professor, Admin. Any user has to first login with his/her credentials in the login page. Then they will be redirected to their respective home pages.

Admin Home Page:

This page has four buttons. They are *NEW USER*, *FORGOT PASSWORD*, *AUTHENTICATE PHOTOS*, *LOG OUT*.
- *NEW USER* button takes to a page, where admin can create new users.
- *FORGOT PASSWORD* button to reset new password for users.
- *AUTHENTICATE PHOTOS* button, where admin can see all uploaded photos of students and can accept/reject them. These photos will be used as training data.
- *LOG OUT* button to logout from admin account. This redirects again to the login page.

Professor Home Page:

Left side of professor home page contains the details (Name, ID, Dept, Email) of the professor. Below these details, there will be five buttons which are *Home, Add Course, View Queries, Update Attendance, Log Out*. At the center of the professor home page, all the courses taught by professor are listed. Clicking on any course redirects to the *Course Page*.
- *Home button* redirects to Professor Home Page, if we are already in the home page then clicking Home button wouldn't do anything.
- *Add Course* takes to a page, where professor can enter details of a new course taught by him. This will register the respective course in the database and will show up in list of courses in prof's home page.
- Professor can see all the queries raised by students of all his courses on clicking the *View Queries* button.

- After viewing queries, if the professor wishes to update attendance of a particular student enrolled in particular course on a particular day, then he can do so by clicking *Update Attendance* button.
- *Log Out* button to simply logout from the account.

Professor Course Page:

All the course details are listed at the center-top position of this page. Then the list of students enrolled in that particular course are shown. After that three buttons follow, which are *Add Students, Upload Class Photo, Get Course Summary.*

- To add students to this course, click the *Add Students* button. Then enter student-ids as comma separated values and click submit button.
- *Upload Class Photo* button to upload photos of the class, which will be used to mark attendance. After uploading the photos, results will be shown to the professor for finalization.
- *Get Course Summary* button redirects to *Course Summary Page*.
- On clicking any of the students in the list, it will redirect to a page that shows attendance summary of the corresponding student.

Course Summary Page:

Course details are shown at the center-top position of this page. Then a summary of attendance for all the dates is shown in *tabular format*. To get summary of attendance for some date, one can either select that date from the table or can enter the date in the Date field and hit submit. This navigates to *Date-Wise Summary Page.*

Date-Wise Summary Page:

This page shows the summary of attendance on a particular date for a course in tabular format.

Student Home Page:

Left side of student home page contains the details (Name, ID, Dept, Email) of the student. Below these details, there will be seven buttons which are *Home, Raise Query, View Query, Upload Photo, Change Profile Pic, My Photos, Log Out*. At the center of the student home page, all the courses that he/she enrolled are listed. Clicking on any course redirects to the *Student Course Page*.

- *Home button* redirects to student Home Page, if we are already in the home page then clicking Home button wouldn't do anything.
- To raise queries on attendance, student clicks the *Raise Query* button and gives course-id, description of the query.

- On clicking the *View Query* button, students can view all their queries and also it's status(resolved / not resolved).
- *Upload Photos* button to upload training photos of the student. These photos will have to be authenticated by admin to use as training data.
- Student can change their display picture through *Upload Profile pic* button.
- *My Photos* button will show all uploaded photos and their approval status.
- *Log Out* button to logout from the account.

Student Course Page:

Course details are shown at the center-top position of this page. Then a summary of attendance for all the dates is shown in *tabular format*. If a student is present on a particular date, then he can see his attendance mapping by clicking on the *Click Here* button. At the bottom of this page there is a button named *GET SUMMARY*. This will redirect to *Attendance Summary Page* for student.

Attendance Summary Page:

Here a student can see information like number of absent days, present days, list of absent days, list of present days. All these info is presented in tabular format.