Our project is a desktop (windows) face recognition attendance system that automatically detects the face of employee's of an organization or students of an institute.

The main purpose of this specification is to help people who will work on this system to maintain

the objectives and get started working in this project. This specification will direct people who

will work on this project step by step through the process until they finish it successfully. This

statement will describe specific details into every step of this project that workers will

immediately locate the needs of this system to understand the purpose of doing any of the

following steps into the system.

Steps:

1-Parameters

2. Training the Algorithm

3. Applying the LBP operation

4. Extracting the Histograms

5. Performing the face recognition

Problem Statement:

At Dominican University, instructors manually take attendance in every class each day. They

spend time to do that during class time. The Automatic Attendance System will help them do

this process in an easy way. The main scope of this project is to make attendance process more

organized in every class. This project will help instructors take the attendance automatically

without spending some time during the class. It will provide the instructor who is/isn't present an

early-warning of high levels of non-attendance through the software/csv file. They will also know

the current grade in their reports. It makes it easier to have a clear picture of every student’s

attendance throughout the academic year.

The system is about to modify an existing system to develop the project. This system comes

from Instructure. Instructure is a new company that has 200 employees. This company is an

educational origination that works with technology to help the education community in an

effective way. This company developed Canvas. The Canvas system is about a website page,

which contains classes managed by instructors. It has management tools for courses. These

tools play a significant role in the educational models these days, which are to organize the

educational level using technology to achieve the educational goals easily. Instructors have the

control panel for every class they have. The control panels allow them to create and develop the

course’s page that all students can see. They may have a Home Page, Syllabus, Discussion,

Grade, Assignments, People, Files, and more. All of these components are available and

controlled by the faculty member to make any changes.

We are a small and purpose-driven group with hard-working, creative, and enthusiastic members in it.

1.Fahad Ahmmed is a 3d animator and graphic designer who is passionate, committed, and creative member .

2. Khansa Shakeel is a programmer .She is creative, productive, and hard-working person who is always committed on her work and she always makes flexibility and create a great working environment among team members.

3.Adeel is a creative programmer who is enthusiastic about the tasks, projects and works he get to done.

And he is good team player and believe in teamwork.