1. Title of Project:

Android System for Person Recognition and Search & Rescue using Digital Image Processing

1. List of Group members with their registration numbers

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1. Abstract:

In this project, we aim to develop an android application that analyzes and recognizes a face in real time. This shall be implemented through code in MATLAB and will have a minimal user interface to run the app. The program will identify a specific person in real time and inform the user through some form of an alert. The main usage of this application is to help with search and rescue operations of lost individuals.

1. Motivation:

Our main motivation for developing this application is because of the real world example of children getting lost in marketplaces. Its unfortunately a common occurrence in many countries and is a terrifying experience. Our application would help as it would allow parents to locate their child by quickly scanning the crowded area nearby to help in their search for their children.