In our project first we implement registration part, in that required student roll no., name & five different views of student images i.e. Student record. Then for security we provide the password to each student. Once student is register his/her own record is created and this record is stored in student database.

There are mainly two databases –

1.For student registration

2.For student verification.

When student take the tablet for attendance the tablet camera set to be on. Then it asked for the student roll no. and password. When student enter this info, then camera captures the student image. The captured image will be compared with his/her five images in different views which are stored in student database. If the image is matched with registered images then it give present mark to that student, otherwise student is absent.

For this procedure we use OpenCV algorithm which work on android platform. This algorithm is easy to implement image recognization.In that algorithm, the matrix format is used for image. When the camera is setup the matrices are allocated.Then we can start to grab preview frame for processing.