

# Project Milestone 4

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**Date:** 30th Nov 2021

## Objective

To get an estimate on how far reached in the plan and to submit the work done so far.

## Implementation report

As per plan I learned about how to create database, how to create tables in the database, how to establish relations between these tables and how to create primary and foreign key.

I have implemented addPerson method in which I am storing name of the person in the person table and id is set to autoincrement so every user has unique id even if the name is not unique. Then I retrieve this id for the name added and create an object. This object is of type PersonIdentity which is returned for addPerson method.

PersonIdentity java class contains all the details of the person, for now I have only added name, id reference and notes to this object. I will add other details once I work on other methods.

I have implemented recordReference method in which I have created a different table where id of the person is the foreign key and for every new reference added a new row is created in the table(reference\_detail) with the person's id and the added string of the note.

I have implemented recordNotes method similarly as recordReference in which I have created a different table to store notes for an individual. Here too the id of the person is the foreign key and for each new note added a new row is added in this table(note\_detail).

I am working on further steps included in plan. Please refer below image for tables created and relation between them.

