

Bus Pass Management System

ABSTRACT

The project entitled "Bus Pass Management System" is developed using android. Mobile app provides the solution for student bus pass, route information and id verification for bus pass. Bus pass registration is useful for students to get the bus pass ID, who are facing problems with the current manual work of bus pass registration and renewal. His/her renewal or registration can be done through mobile app. In the manual system the user has to go on particular date and time, if they fail then the renewal cannot be done. This online bus pass registration application will help candidates to save their time and renewal bus pass without standing in a line for hours near office counters. Initially users need to register with the application by submitting their details through online and paying through his/her wallet. The administrator will verify the candidate details and if they are satisfied, they will approve bus pass and generate unique bus pass Id for the candidate. The candidate can login with their username and password and get the bus pass. Renewal can be done through app. Once bus pass is verified then user gets a unique bus pass Id which is used by the conductor to verify the bus pass of the user.

Advantages

- You can find all the bus routes related information online easily using mobile.
- This online bus pass software system will help students to get bus passes online and eliminate the need of standing in queues for passes.
- The payment can be done through online mode using wallet.

Admin –

- Verify the candidate. Accept or reject the application.
- Generate unique bus pass id for candidate once verification is done.

Candidate –

- Registration and login
- Wallet for online payment for bus pass.
- Apply Bus Pass and Renewal Bus Pass.
- Get Bus Routes
- Check status of bus pass and access bus pass once verified.

Conductor –

- Verify the bus pass of candidate.