**About**

- Rewards users for riding VIA busses

- Incentivizes users for contributing their reviews and comments

**Purpose**

We found that the biggest problem with riders preferring other methods of transportation is the lateness of VIA busses.

- Many problems with VIA is the tardiness of the busses and stops are occasionally missed.

- App allows Via to reward good drivers and be notified of bad drivers

- (Catherine says something about a driver not responding when riders signal that their stop is coming up)

**During App Demo**

**Login Activity**

- Users can login with their email and password.

- New users can be created by selecting new user

**New User Activity**

- Passwords are currently stored in plain text due to time restraints

**Dashboard**

- Displays the user’s total points

- Redeem button allows the user to redeem his or her points for rewards

- Scan allows the user to scan a QR code

- Rate Driver allows the user to rate the driver after scanning

**Scan Activity**

- A User simply has to scan a QR code located somewhere on the bus.

- The information is then stored until the user decides to rate the driver

**Rate Driver Activity**

- The Driver’s first name is displaed

- User can rate the rating out of five stars

- User can submit comments about the drive

- User comments are not currently added to the database

**Redeem Activity**

- Users can claim rewards with their points

- These rewards can be coupons to restaurants, free bus passes, or anything else

**After App Demo**

**Tools We Used**

- Used Firebase by Google to manage our database of drivers and users

- Used Android Studio to write the Java code and easily implement it as an android app

**Problems we faced**

- Only one group member had experience with Android Studio and Firebase

- The database we built took the bulk of our time

**Impact on VIA**

-Because customers are encouraged to leave not only bad reviews but also good reviews.

- Good drivers can be recognized and rewarded and bad drivers can be picked out easier and notified that they need to improve

- May also be used to help make routes more efficient. A driver that is constantly late may be late because their route is too inefficient.