



OOP2 Project

Stage 3

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1.1 Problem Description and Solution

Most of the students who are attending the university suffer from walking from one building to another, where they have to go a long way under the sun to get to the other building. So they are mostly very tired upon arriving and might sometimes arrive late to the next lecture.

Our Program Helps the Students to reserve transport from the application to ease their journey from one building to another.

1.2 Application Description

- In The beginning, the program will welcome the students to the application and give them a brief description.
- Then the program will ask if the student wants to Sign in (to make a new reservation) or log in (to see their previous reservation).
- If the Student chooses to Sign in:
 - the program will require the student to enter their information "in the correct format", and a password to later access their reservation and choose their college.
 - Then the student must choose the vehicle they want to reserve and the time they need it.
 - reservation will be saved in a file named with the Student ID entered, and the reservation password will be saved in the student file.
- If the Student chooses to Log in :
 - The program will ask the student for the ID and password and check if the reservation exists and if the password is correct.
- Finally, the program will display all the reservation details and then a final image window thanking the student for using our application and that's The End of the program.

1.3 Recorded video :

<https://1drv.ms/v/s!Al85SDC3q24Xrxh0DWYj3f-mySkw>

1.4 Java Code :

[RideNGo_OOP2.zip](#)