First homework

# Functional requirements

1. The software shall have the ability to show the price in every currency.
2. The software shall indicate the total number of tolls in a curtain route.
3. The software shall manifest the distance to and between every toll on the route.
4. The software shall appear how many lanes on the toll are in function. (?)
5. The software shall offer information of the payment method for every single toll. (?)
6. The software shall calculate the total cost of a route.
7. The software shall implement a pre-pay option with online payment.
8. The software shall display the remaining change after the payment.
9. The software shall enable the user to save his favorite routes.
10. The software shall automatically update due to change in prices in certain tolls.
11. The software shall keep all data of the user private and secure.
12. The software shall recommend shortest routes to users between destinations.
13. The software shall recommend cheapest routes to users between destinations
14. The system shall allow the user to create a custom route.
15. The software shall be capable of storing 100 different routes simultaneously.
16. The system shall include a delete option for the stored routes.

# Non – functional requirements

1. The software shall be available 99.9% of the time.
2. The software shall be portable so moving from one OS to other OS does not create any problem.
3. The software shall run successfully on Android, IOS and MAC.
4. The software shall be useable offline with downloaded routes.
5. The software shall be available for every navigation system, regardless of the vehicle’s manufacturer.