

BodaBoda - Project Report

Group 1

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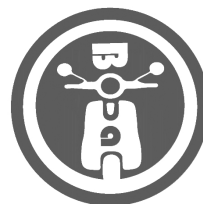
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1 Introduction

This report summarizes the development process of the Android application, describing what has been done and what has not been done. This report also describes what we as a group has learned during this process.

1.1 Client

Okapi Finance is offering financial services mainly in Africa with a mission to bank the unbanked. Okapi's services increases accessibility for financial services. They believe that everyone should be able to access financial services regardless of where they live and their status. Transparency, security, and compliance with financial regulations are key for their operations and they believe in building the Okapi network through partnership with financial institutions and other existing structures. Their goal is to be the pan-African fintech (financial technology) solution [1].

1.2 Product

The product produced is BodaBoda, an application for motorcycle taxis in East Africa. The customers request trips by stating where they want to go, the drivers then see the pending requests in a list where they can choose a trip they want to take. The app will tell the driver where to go to find the customer and it will track the driven distance and calculate a price for the customer. The app can also help the driver navigate to the final destination. The customer can pay in her app and the driver will be able to track her received payments and see how much she has earned on a daily, weekly or monthly basis.

2 Deliverables

2.1 Features of Final Product

Below are the features implemented:

- ✓ Registration and Log in page validation
- ✓ Register and Log in as Customer
- ✓ Location auto-suggestion in Customer main page
- ✓ Register and Log in as Driver
- ✓ Navigation within the application
- ✓ Request Trip as Customer
- ✓ Tracking of the assigned driver on the customer map
- ✓ Driver navigation help towards the trip starting location

- ✓ Basic Geo Location and Map Animations
- ✓ Log out from the App

2.2 Desired Features

Below are the desired features:

- ✗ Account Settings
- ✗ View requested trips as Driver
- ✗ Cancel Trip
- ✗ Payment Verification
- ✗ Accepting the trip requests
- ✗ Initiating the ride
- ✗ End the ride
- ✗ Statistics

2.3 Significant Changes from the Client

There were no major changes from the client. Although the client added new requirements to the already existing ones. For instance the client wanted a way for the application to send location data about the trips to be analyzed later on.

2.4 Acceptance Test Results

Acceptance tests were conducted on our own with the test cases included in appendix and the results were presented to the client. The acceptance tests can be found in the appendix Ape at the end of the document.

3 Work Organization

The Trello responsibility role was scrapped, since it was quicker for each person to handle their Trello cards on their own instead of notifying the person responsible. Eventually a project manager assistant role was informally added for when the project manager was unavailable.

3.1 Project Effort and Distribution

The project is divided into three principal parts :

1. Project planning and requirement capturing: This part of the project consists of defining a routine for the group work, assigning responsibilities, capturing and formulating initial requirements. This part is really important and defines the base of the project but spending too much time (more than 2 weeks) on it can be dangerous and might delay the later stages of the project. During this part we can also start to think about the design.
2. Design and implementation: Before starting the implementation, it is important to define the design (visual and structural design). Doing this takes time but it is nothing compared to the time required for the implementation. It is important to provide much time for the implementation as the project uses a lot of new technologies that project members have never used. This leads to a lot of time being spent on research and some trial and error, before figuring out how to make it work.
3. Test and delivery : It is important not to neglect this part either. Testing the product is needed in order to verify that everything does what it is supposed to do. This phase also included implementation of some features that were important and that had not been implemented yet.

This table (table 1) shows the time distribution of each project part.

Phase	Hours spent
Planning and design	158
Implementation	430
Test and delivery	125

Table 1: Time distribution

3.2 Roles and Responsibilities

The team consists of seven people, namely:

- Aleksandar Aćimović - Project manager, Back-end developer
- Linus Sens Ingels - Client communication, Front-end developer, Application designer
- Jonathan Major - Trello responsible, Front-end and back-end developer
- Zacharias Leo - Work time tracker, front-end developer, Project manager assistant

- Sireesha Kumari Kulari - Tester, Front-end developer
- Stanislas Pedebearn - Template creator, Presentation assistant, Developer, Application designer assistant
- Chingiz Esenbaev - Presentation responsible, Developer, Application designer assistant

3.2.1 Role clarification

- **Project manager** - Manager of the project, responsible for the planning as well as making sure that everyone is doing what they should do.
- **Project manager assistant** - Stepping in to help when the project manager is unavailable.
- **Client communication** - Responsible for communicating with the client.
- **Trello responsible** - Responsible for keeping the Trello board clean and up to date.
- **Work time tracker** - Responsible for keeping track of the working hours of each group member.
- **Tester** - Responsible for creating the acceptance test cases and testing the application during and after the implementation phase by manually and automation.
- **Template creator** - Responsible for creating the templates for the documents.
- **Presentation assistant** - Assisting with the presentations, helping with designing them.
- **Presentation responsible** - Responsible for making making sure the presentations are created in time.
- **Back-end developer** - Developing the server, database.
- **Front-end developer** - Developing the android application and implementing the design to the application.
- **Application designer** - Responsible for researching and finding a good and user friendly design.
- **Application designer assistant** - Helping with the design by giving input and ideas.
- **Developer** - A general role that will later on be divided into subgroups, depending on the expertise of each team member.

3.3 Team Time Tracking

The following (table 2) are the total hours put into the project by each team member over 10 weeks:

	Zacharias	Jonathan	Linus	Stanislas	Aleksandar	Sireesha	Chingiz
Week 1	13	14	14	10	4	10	10
Week 2	16	14	14	6	13	10	10
Week 3	25	25	24	12	19	8	6
Week 4	34	23	30	14	27	13	10
Week 5	35	27	21	10	12	22	14
Week 6	16	16	17	0	0	30	0
Week 7	0	0	0	12	20	15	0
Week 8	8	0	0	12	4	15	0
Week 9	14	6	3	12	5	15	0
Week 10	25	11	21	12	17	16	10
Total	186	136	144	100	121	154	60

Table 2: Team time tracking table

4 Lessons Learned

We have come to learn that you can not take anything for granted when it comes to group projects, a group rarely organizes itself and will therefore need some pushing and support in order to work. It takes more effort to organize a group than we first thought and we would have put more effort into doing that from the beginning if we were to start over. We have become better at analyzing and identifying requirements than we were at the beginning. With the knowledge we have now we probably would have re-prioritized the requirements in order to get a better product in the end. If we had prioritized differently we might have been able to finish one good feature, instead of having several partly finished features. One of our biggest mistakes was severely underestimating the time it would take to complete some features. Another thing which we had not anticipated was that the client every now and then wanted to add new requirements which also was time consuming. If we had known that some things would take so long to complete we would have told the client from the start that many of the requirements were unrealistic in this time span.

As we worked on different parts of the project separately and in different time spans, we did not get the wide knowledge we needed which left some of us very dependant on each other. One mistake was to not introduce everyone in the team to the different parts of the project. That would have made us progressing further under this period of time that we had.

If we were to give advice to the next students taking this course it would be what was discussed previously. Take some time to organize the group and try to meet up several times a week and check what everyone has done since the previous meeting and what the plan is to do in the upcoming days. This way you will ensure that everyone in the group feels obligated to work. Also take some extra time to analyze the requirements and prioritize them in a good way. This will save a lot of time later on and will result in a better product.

5 References

[1] "Okapi", Okapifinance.com, 2018. [Online]. Available: <https://www.okapifinance.com/>. [Accessed: 26- Nov- 2018].

6 APPENDIX A: Acceptance test

The following section describes the acceptance tests. A description of the requirements can be found in the Software Requirements Specifications document.

6.1 Customer acceptance tests

ID: TC01

TITLE: Customer registration

REQUIREMENTS: FR1

DESCRIPTION: To verify that a customer can register an account.

PRECONDITION:

1. Application should be installed

EXECUTION:

1. Launch the application
2. Navigate to Register section
3. Enter the required information
4. Click on "Register account" button

EXPECTED RESULTS:

1. The account should be successfully created
2. The user should be redirected to Customer main page

ACTUAL RESULT: Working as expected

STATUS: Pass

PRIORITY: High

COMMENTS: -

ID: TC02

TITLE: Customer log in

REQUIREMENTS: FR2

DESCRIPTION: To verify that a customer can log in to an existing account.

PRECONDITION:

1. Application should be installed
2. The user should have a registered account

EXECUTION:

1. Launch the application
2. Enter valid user name and password

3. Click on "Log in" button

EXPECTED RESULTS:

1. The user should be able to log in to a customer account
2. The user should be redirected to Customer main page

ACTUAL RESULT: Working as expected

STATUS: Pass

PRIORITY: High

COMMENTS: -

ID: TC03

TITLE: Customer log in with invalid data

REQUIREMENTS: FR2

DESCRIPTION: To verify that a customer can not log in with wrong credentials.

PRECONDITION:

1. Application should be installed
2. The user should have a registered account

EXECUTION:

1. Launch the application
2. Enter invalid user name and password
3. Click on "Log in" button

EXPECTED RESULTS:

1. The user should not be able to log in to a customer account.
2. An error message is displayed.

ACTUAL RESULT: Working as expected

STATUS: Pass

PRIORITY: High

COMMENTS: -

ID: TC04

TITLE: Customer main page content

REQUIREMENTS: -

DESCRIPTION: To verify that the customer main page has the wanted content

PRECONDITION:

1. Application should be installed
2. The user should have a registered customer account

EXECUTION:

1. Launch the application
2. Enter valid user name and password
3. Click on "Log in" button
4. Verify the customer main page content

EXPECTED RESULTS: The main page should contain:

1. "From" text field for trip starting location
2. "To" text field for trip destination
3. "Request trip" button
4. Interact-able map showing current location
5. "Menu" button

ACTUAL RESULT: Working as expected**STATUS:** Pass**PRIORITY:** High**COMMENTS:** -

ID: TC05**TITLE:** Customer main page location auto-suggestions**REQUIREMENTS:** -**DESCRIPTION:** Automatic suggestions to nearby locations depending on currently entered text**PRECONDITION:**

1. Application should be installed
2. The user should have a registered customer account

EXECUTION:

1. Launch the application
2. Enter valid user name and password
3. Click on "Log in" button
4. Enter text in the text boxes

EXPECTED RESULTS:

1. When entering text in the text boxes, nearby locations should be suggested according to the entered text.

ACTUAL RESULT: Working as expected

STATUS: Pass

PRIORITY: Medium

COMMENTS: -

ID: TC06

TITLE: Customer modify account

REQUIREMENTS: FR3

DESCRIPTION: Verify that the customer can modify their account information

PRECONDITION:

1. Application should be installed
2. The user should be logged in to an existing account

EXECUTION:

1. Launch the application
2. Enter valid user name and password
3. Click on "Log in" button
4. Navigate to Account settings through the menu
5. Edit the information
6. Save the changes

EXPECTED RESULTS:

1. The information should be changed successfully

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC07

TITLE: Customer request trip

REQUIREMENTS: FR4

DESCRIPTION: Verify that the customer can request a trip

PRECONDITION:

1. Application should be installed
2. The user should be logged in to an existing customer account

EXECUTION:

1. Launch the application

2. Enter valid user name and password
3. Click on "Log in" button
4. Enter starting location and destination
5. Click "Request trip" button

EXPECTED RESULTS:

1. The trip request is sent to the server and the customer is presented with a waiting animation.

ACTUAL RESULT: Working as expected

STATUS: Pass

PRIORITY: High

COMMENTS: -

ID: TC08

TITLE: Customer request trip unsuccessful

REQUIREMENTS: FR4

DESCRIPTION: Verify that the customer is presented with an error message when trip request is unsuccessful

PRECONDITION:

1. Application should be installed
2. The user should be logged in to an existing customer account

EXECUTION:

1. Launch the application
2. Enter valid user name and password
3. Click on "Log in" button
4. Enter starting location and destination
5. Click "Request trip" button

EXPECTED RESULTS:

1. Something goes wrong, for example invalid information in the text boxes, and the customer is shown an error message.

ACTUAL RESULT: Working as expected

STATUS: Pass

PRIORITY: Medium

COMMENTS: -

ID: TC09**TITLE:** Customer accept suggested driver**REQUIREMENTS:** FR4**DESCRIPTION:** Verify that the customer can accept a suggested driver**PRECONDITION:**

1. Application should be installed
2. The user should be logged in to an existing customer account

EXECUTION:

1. Launch the application
2. Enter valid user name and password
3. Click on "Log in" button
4. Enter starting location and destination
5. Click "Request trip" button

EXPECTED RESULTS:

1. The trip request goes through successfully
2. A driver accepts the trip request
3. The customer is presented with driver name and trip price
4. The customer can accept the suggested trip

ACTUAL RESULT: Not yet implemented**STATUS:** Fail**PRIORITY:** Medium**COMMENTS:** -

ID: TC10**TITLE:** Find another driver**REQUIREMENTS:** -**DESCRIPTION:** To verify the customer is able to find another driver**PRECONDITION:**

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully
4. User should have requested a trip
5. Driver is suggested

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations
5. Click on "Request Trip" button
6. Check if the price is too high/the driver's estimated time of arrival to the pickup spot is too long
7. Click on "Find another driver"

EXPECTED RESULT:

1. Customer should be able to find another drive

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC11

TITLE: Cancel Trip

REQUIREMENTS: FR6

DESCRIPTION: To verify the customer is able to cancel the trip

PRECONDITION:

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully
4. User should have requested a trip
5. Driver should have accepted the trip and has not reached the customer

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations

5. Click on "Request Trip" button
6. Click on "Cancel Trip"

EXPECTED RESULT:

1. Customer should be able to cancel the trip

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC12

TITLE: To verify the customer is charged with cancellation fee

REQUIREMENTS: FR6

DESCRIPTION: To verify the customer is able to cancel the trip

PRECONDITION:

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully
4. User should have requested a trip
5. Driver should have accepted the trip and has not reached the customer

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations
5. Click on "Request Trip" button
6. Click on "Cancel Trip"

EXPECTED RESULT:

1. Customer should be charged with cancellation fee

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC13**TITLE:** To verify the customer is able to cancel the trip prematurely**REQUIREMENTS:** FR6**DESCRIPTION:** To verify the customer is able to cancel the trip**PRECONDITION:**

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully
4. User should have requested a trip
5. Driver should have accepted started the trip

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations
5. Click on "Request Trip" button
6. Click on "Cancel Trip" prematurely

EXPECTED RESULT:

1. Customer should be able to cancel the trip prematurely and is charged with price calculated from the driven distance plus the starting fee

ACTUAL RESULT: Not yet implemented**STATUS:** Fail**PRIORITY:** Medium**COMMENTS:** -

ID: TC14**TITLE:** Pay for the Trip**REQUIREMENTS:** FR5**DESCRIPTION:** To verify the customer is able to pay for the trip either by cash or card**PRECONDITION:**

1. Application should have been installed and launched
2. User should have been registered already

3. User should have been logged in successfully
4. User should have requested a trip
5. Driver is suggested
6. Both customer and driver should have accepted the trip
7. Trip should have started
8. Trip should have ended

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations
5. Click on "Request Trip" button
6. Check the price and the driver's estimated time of arrival to the pickup spot.
7. Click on "Accept" if estimated price and time are fine
8. Pay for the trip after finishing the trip

EXPECTED RESULT:

1. Customer should be able to make a payment after a trip either by cash or card

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC15

TITLE: See Payment Verification

REQUIREMENTS: FR7

DESCRIPTION: See Payment Verification

PRECONDITION:

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully
4. User should have requested a trip

5. Driver is suggested
6. Both customer and driver should have accepted the trip
7. Trip should have started
8. Trip should have ended

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations
5. Click on "Request Trip" button
6. Check the price and the driver's estimated time of arrival to the pickup spot.
7. Click on "Accept" if estimated price and time are fine
8. Pay for the trip after finishing the trip
9. Verify payment information

EXPECTED RESULT:

1. Customer should be able to See Payment Verification after paying for the ride

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC16

TITLE: Report the driver

REQUIREMENTS: FR9

DESCRIPTION: To verify reporting the driver

PRECONDITION:

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully
4. User should have requested a trip
5. Driver is suggested

6. Both customer and driver should have accepted the trip
7. Trip should have started
8. Trip should have ended

EXECUTION:

1. Launch the application
2. Enter user name and Password
3. Click on log in
4. Enter From and To locations
5. Click on "Request Trip" button
6. Check the price and the driver's estimated time of arrival to the pickup spot.
7. Click on "Accept" if estimated price and time are fine
8. Pay for the trip after finishing the trip
9. Report against driver in case of unethical behaviour

EXPECTED RESULT:

1. User should be able to report a driver for unethical behaviour

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC17

TITLE: Registration

REQUIREMENTS: FR10

DESCRIPTION: To verify registration as a driver with the existing customer account

PRECONDITION:

1. Application should have been installed and launched
2. User should have been registered already

EXECUTION:

1. Launch the application
2. Navigate to Register section

3. Enter the fields user name, first name, last name, phone number, email, password and confirm password
4. Click on "Register account" button
5. Navigate to "Account Settings" through Menu
6. Click on "Account Options"
7. Register as Driver

EXPECTED RESULT:

1. User should be able to simply register as a driver with the existing customer account

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC18

TITLE: Log out

REQUIREMENTS: -

DESCRIPTION: To verify customer log out

PRECONDITION:

1. Application should have been installed and launched
2. User should have been registered already
3. User should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Click on log out button

EXPECTED RESULT:

1. Customer should be able to log out of the application

ACTUAL RESULT: Working as expected

STATUS: PASS

PRIORITY: Medium

COMMENTS: -

6.2 Driver acceptance tests

ID: TC19

TITLE: Registration

REQUIREMENTS: FR1

DESCRIPTION: Verify that the user is able to register account as a driver

PRECONDITION:

1. Application should have been installed

EXECUTION:

1. Launch the application
2. Navigate to Register section
3. Enter the fields user name, first name, last name, phone number, email, password and confirm password.
4. Click on the check box "Register as driver"
5. Enter the fields Mileage price and Trip starting fee
6. Click on "Register account" button

EXPECTED RESULT:

1. User should be able to register as a driver
2. User should be redirected to Driver Main page

ACTUAL RESULT: Working as expected

STATUS: PASS

PRIORITY: High

COMMENTS: -

ID: TC20

TITLE: To verify log in as a driver

REQUIREMENTS: FR2

DESCRIPTION: Verify that the user is able to log in to the application as a driver

PRECONDITION:

1. Application should have been installed
2. User should have been registered already

EXECUTION:

1. Launch the application

2. Enter valid user name and Password
3. Click on log in button

EXPECTED RESULT:

1. User should be able to log in as a driver
2. User should be redirected to Driver Main page

ACTUAL RESULT: Working as expected

STATUS: PASS

PRIORITY: High

COMMENTS: -

ID: TC21

TITLE: To verify driver log in with invalid user name/password

REQUIREMENTS: FR2

DESCRIPTION: Verify that the user is able to log in to the application as a driver

PRECONDITION:

1. Application should have been installed
2. User should have been registered already

EXECUTION:

1. Launch the application
2. Enter invalid user name and Password
3. Click on log in button

EXPECTED RESULT:

1. User should not be able to log in to the application as a driver
2. An error message is displayed

ACTUAL RESULT: Working as expected

STATUS: PASS

PRIORITY: High

COMMENTS: -

ID: TC22

TITLE: To verify the driver main page

REQUIREMENTS:

DESCRIPTION: Verify that the customer main page shows list of pending customer requests

PRECONDITION:

1. Application should have been installed
2. User should have been registered already

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Verify the main page

EXPECTED RESULT:

1. Driver main page should have the list of pending customer requests

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: High

COMMENTS: A lot of work has been done but there are still work to be done to get it working as expected.

ID: TC23

TITLE: To verify the driver account settings

REQUIREMENTS: FR11

DESCRIPTION: Verify that the driver is able to modify the account information except the user-name customer requests

PRECONDITION:

1. Application should have been installed
2. User should have been registered already as a driver
3. Driver should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Navigate to "Account settings" through Menu
5. Click on "Account Options"
6. Edit the information
7. Click on save

EXPECTED RESULT:

1. Driver should be able to modify account information

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC24

TITLE: To verify the accept ride request

REQUIREMENTS: FR13

DESCRIPTION: Verify that the driver is able to accept the ride request from pending customer requests

PRECONDITION:

1. Application should have been installed
2. User should have been registered already
3. User should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Select any pending request
5. Click on "Accept"

EXPECTED RESULT:

1. Driver should be able to accept the ride request

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC25

TITLE: To verify navigate to customer with the help of map

REQUIREMENTS: FR14

DESCRIPTION: Verify that the driver is able to navigate to customer with the help of map

PRECONDITION:

1. Application should have been installed
2. User should have been registered already
3. User should have been logged in successfully
4. The User and Driver should have accepted a trip

EXECUTION:

1. Launch the application
2. Enter valid user name and password
3. Click on log in button
4. Select any pending request
5. Click on "Accept"
6. Wait until customer accepts the request
7. Click on "Navigate to Customer" once customer accepts the request

EXPECTED RESULT:

1. Driver should be able to get help navigating to the starting point of the trip if wanted

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC26

TITLE: To verify that a base price per kilometers can be edited

REQUIREMENTS: FR15

DESCRIPTION: Verify that the driver is able to set a new base price per kilometer

PRECONDITION:

1. Application should have been installed
2. User should have been registered already as a driver
3. User should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password

3. Click on log in button
4. Navigate to "Account settings" through Menu
5. Click on "Account Options"
6. Click on Edit Set base price
7. Click on save

EXPECTED RESULT:

1. Driver should be able to set the base price per kilometer

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC27

TITLE: To verify initiate ride after reaching customer starting location

REQUIREMENTS: FR16

DESCRIPTION: Verify that the driver is able to initiate the ride in the application when he picks up the customer

PRECONDITION:

1. Application should have been installed
2. User should have been registered already as a driver
3. User should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Select any pending request
5. Click on "Accept"
6. Wait till customer accepts the request
7. Click on "Navigate to Customer" once customer accepts the request
8. Initiate Trip after reaching the customer

EXPECTED RESULT:

1. Driver should be able to initiate the ride in the application when he picks up the customer

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC28

TITLE: To verify end ride after reaching customer destination

REQUIREMENTS: FR17

DESCRIPTION: Verify that the driver is able to finish the trip when the destination is reached

PRECONDITION:

1. Application should have been installed
2. User should have been registered already as a driver
3. User should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Select any pending request
5. Click on "Accept"
6. Wait till customer accepts the request
7. Click on "Navigate to Customer" once customer accepts the request
8. Initiate Trip after reaching the customer
9. End the trip after reaching the destination

EXPECTED RESULT:

1. Driver should be able to finish the trip when the destination is reached

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC29

TITLE: To verify driver Statistics

REQUIREMENTS: FR18

DESCRIPTION: Verify that the driver is able to see statistics of the past earnings

PRECONDITION:

1. Application should have been installed
2. User should have been registered already as a driver
3. Driver should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button
4. Navigate to "Statistics" through Menu
5. Verify

EXPECTED RESULT:

1. Driver should be able to see statistics of the past earnings

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -

ID: TC30

TITLE: To verify driver log out

REQUIREMENTS: FR18

DESCRIPTION: Verify that the driver is able to log out of the application

PRECONDITION:

1. Application should have been installed
2. User should have been registered already as a driver
3. Driver should have been logged in successfully

EXECUTION:

1. Launch the application
2. Enter valid user name and Password
3. Click on log in button

4. Click on log out button

EXPECTED RESULT:

1. Driver should be able to log out of the application

ACTUAL RESULT: The user log out as expected and navigates to log in page

STATUS: PASS

PRIORITY: Medium

COMMENTS: -

ID: TC31

TITLE: Driver premature trip cancellation

REQUIREMENTS: FR6

DESCRIPTION: To verify that the driver can cancel the trip before reaching the destination

PRECONDITION:

1. Application should be installed
2. The user should be logged in to an existing driver account
3. The driver should have an ongoing trip

EXECUTION:

1. Launch the application
2. Log in to a driver account
3. Accept a trip request
4. Pick up the customer and initiate the trip
5. Cancel the trip before reaching the destination

EXPECTED RESULTS:

1. The trip should be cancelled successfully
2. The price is calculated according to the distance driven before cancellation
3. The customer pays the price

ACTUAL RESULT: Not yet implemented

STATUS: Fail

PRIORITY: Medium

COMMENTS: -