AMSI

LABORATORY WORK #7

Project description.
Modeling your project with Activity Diagrams.
Activity mapping.

Authors:

Tanașciuc MACARIE

Supervisor:

Mihail GAVRILIȚA

Chișinău, 2017

Laboratory Work #7

Topic:

Modeling your project with Activity Diagrams. Activity mapping.

Tasks:

- Model of the application using 3 Activity Diagrams;

- Activity Map of the application.

1 Model of the application using 3 Activity Diagrams

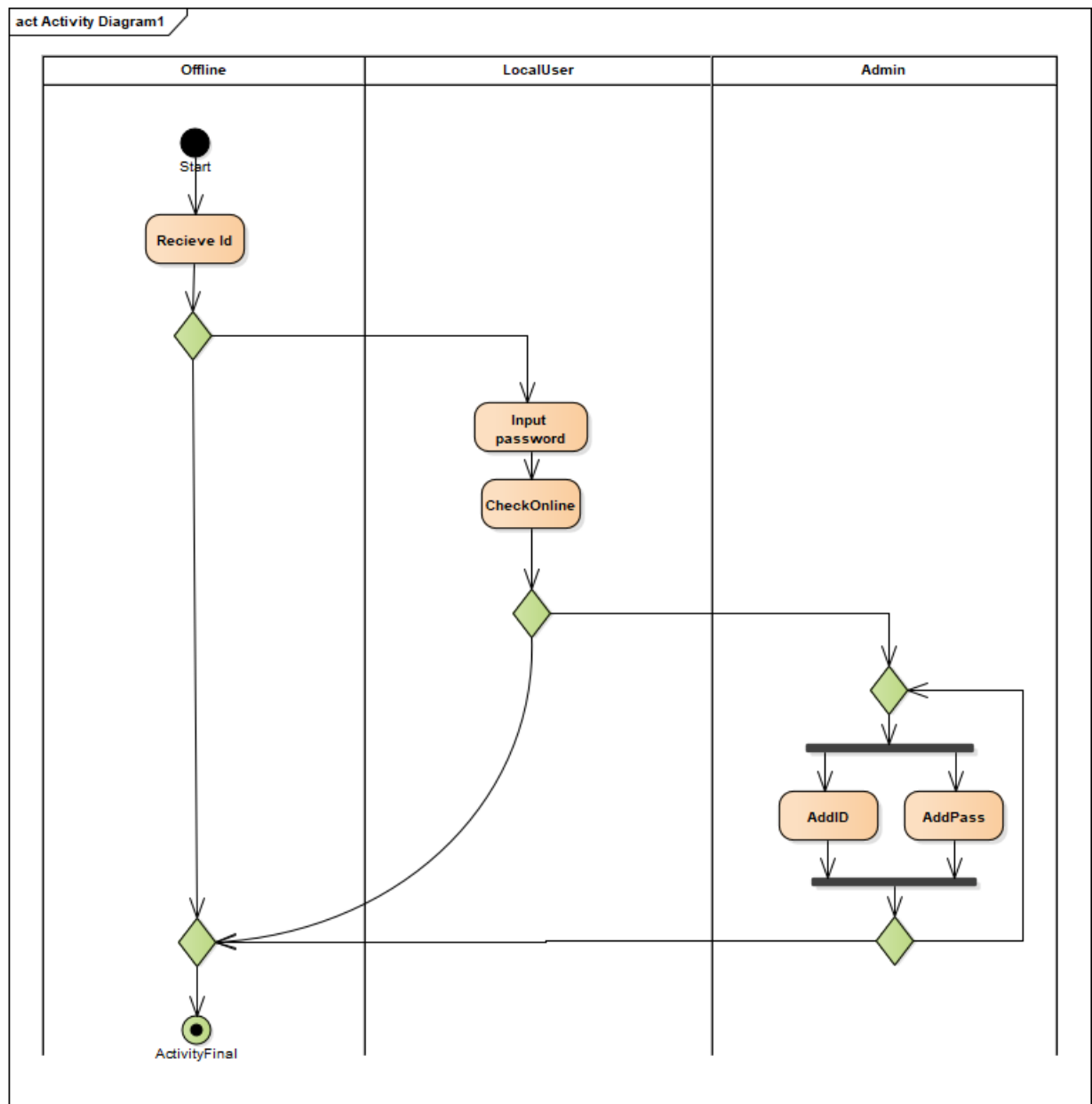In figure 1.1 is presented the state chart which contains the output form of my application.

Figure 1.1 – Initialization

Here the user chooses if he wants to work online by adding the password and then checking online,after what he can add Id's to track after what he will track these Id's data from selection form.

In figure 1.2 is presented the state chart which contains the output form of my application. Here
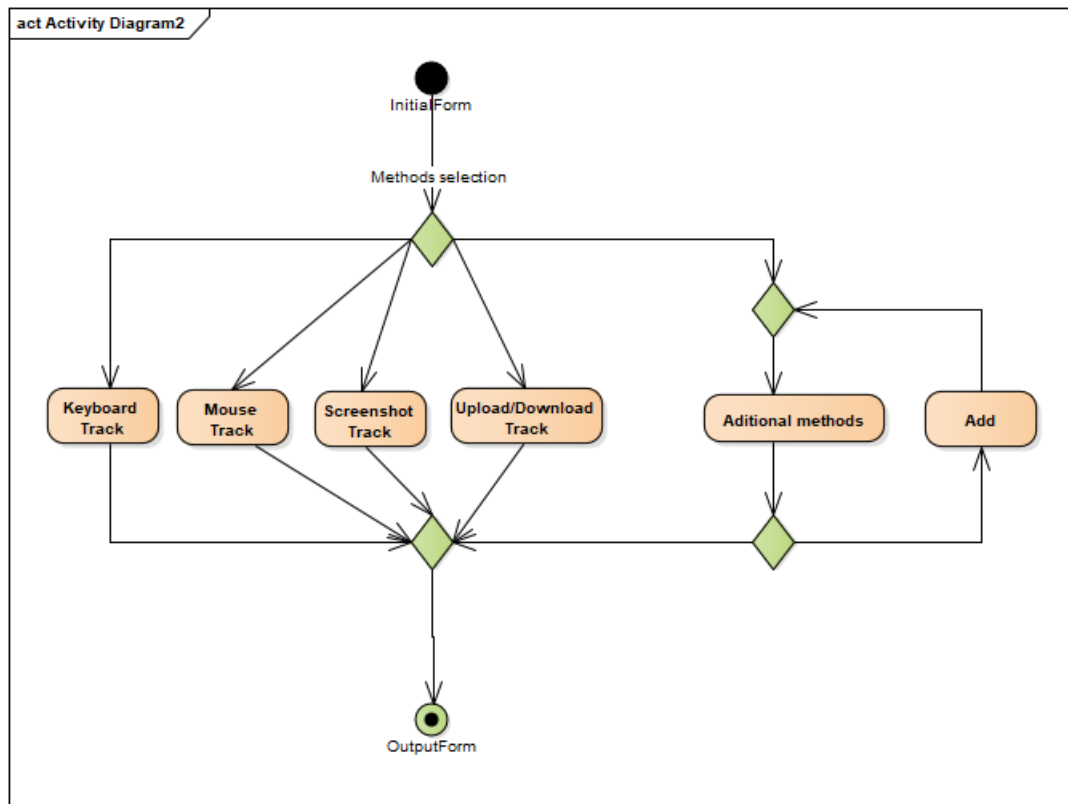

Figure 1.2 – Selection

user is given methods to select and and continue to work with in the output form.

In figure 1.3 is presented the state chart which contains the output form of my application. User
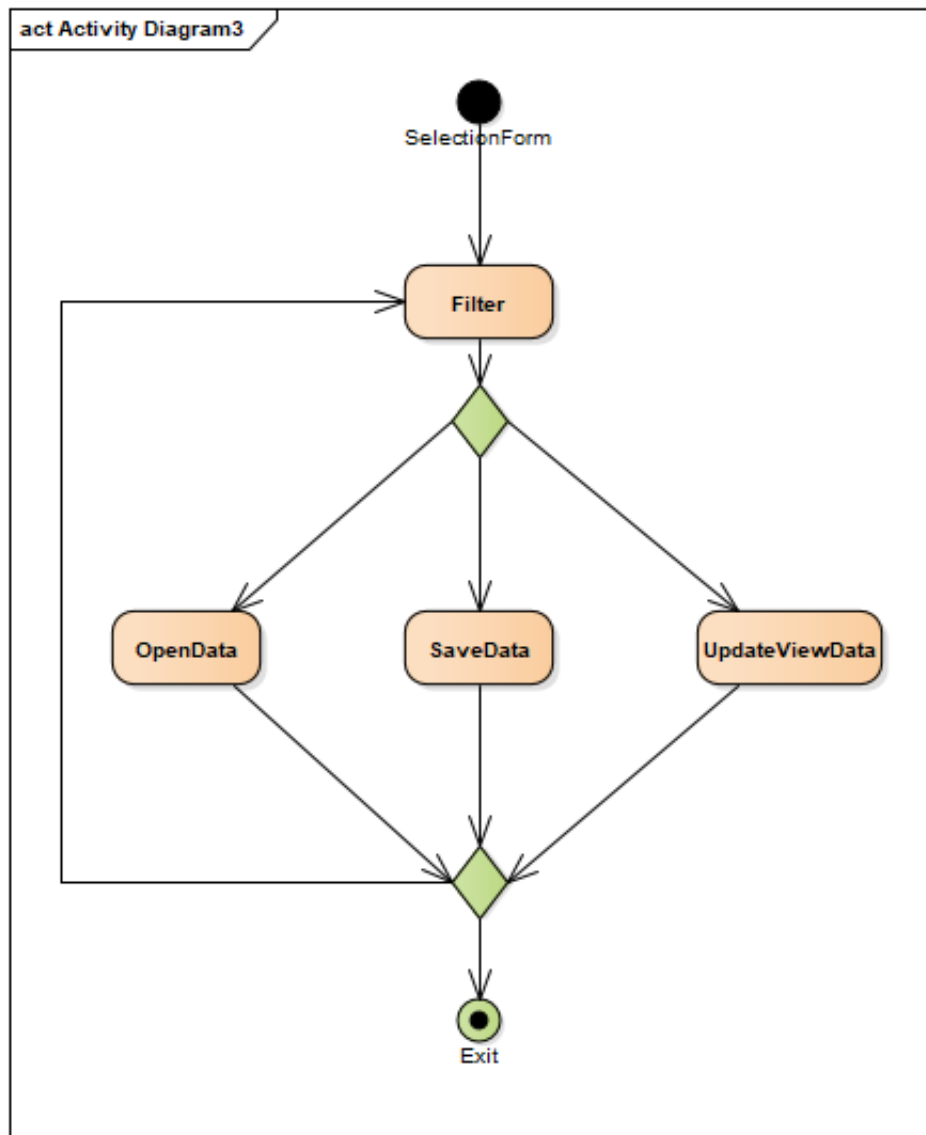

Figure 1.3– Output

can choose how to save his data collected from the tacking methods.

2   Activity Map of the application.

The Activity Map that my application has is based around:

- Initialization(Where the user selects the mode he wants to operate in)

- Selection(Where user selects the Tracking methods he wants to use)

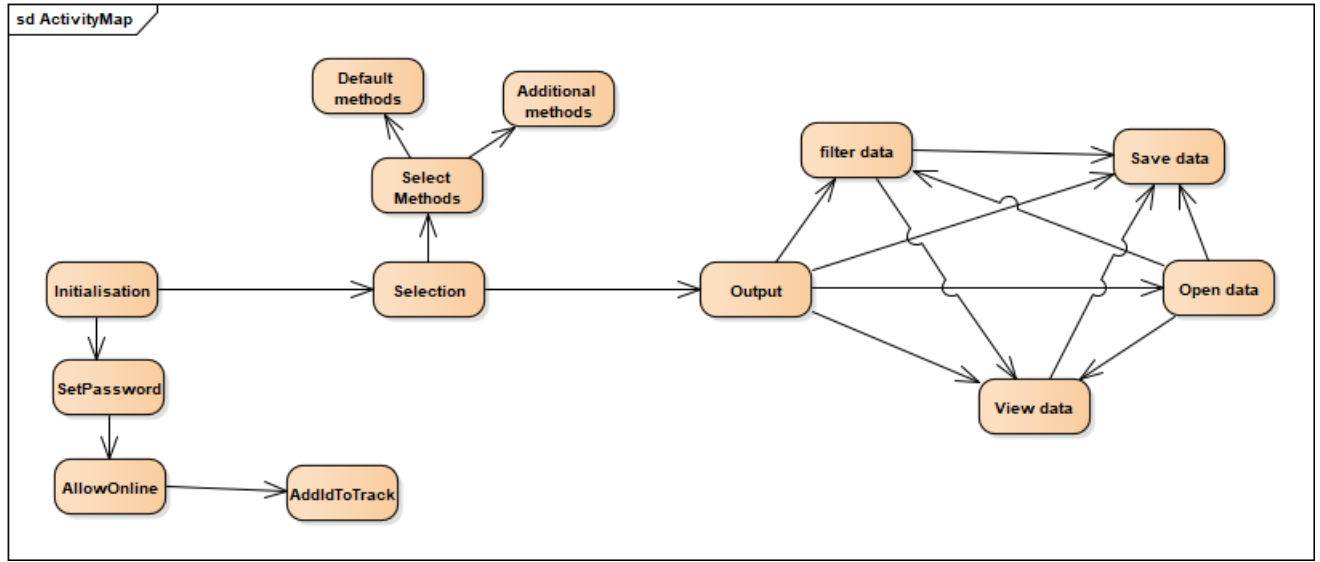- Output(Where user selects how he wants to output the data that was tracked)

Figure 2.1 – Output

Conclusions

In this laboratory work i learned how to create activity diagrams,what means dynamic representation of my application and described the workflow of the program and where the user will interact mostly in the program shown in Activity Map.

References

1 Learn Unified Model Language,`https://www.tutorialspoint.com/uml/`

2 Wikipedia, `https://en.wikipedia.org/wiki/Unified_Modeling_Language`

3 Notes on UML course given by professor and laboratory assistant.

4 UML - Activity Diagrams, `https://www.tutorialspoint.com/uml/uml_activity_diagram.htm`