Faculty of Computers, Informatics and Microelectronics

Technical University of Moldova

AMSI

Laboratory work #9

Project description. Modeling your project with Deployment Diagrams. Application delivery.

Authors:
Tanașciuc Macarie

Supervisor:
Mihail Gavriliță

Chișinău, 2017

Laboratory Work #9

Topic:

Modeling your project with Deployment Diagrams. Application delivery.

Tasks:

- Model of the application using Deployment Diagrams;
- Document the application delivery / installation.

1 Model of the application using Deployment Diagrams

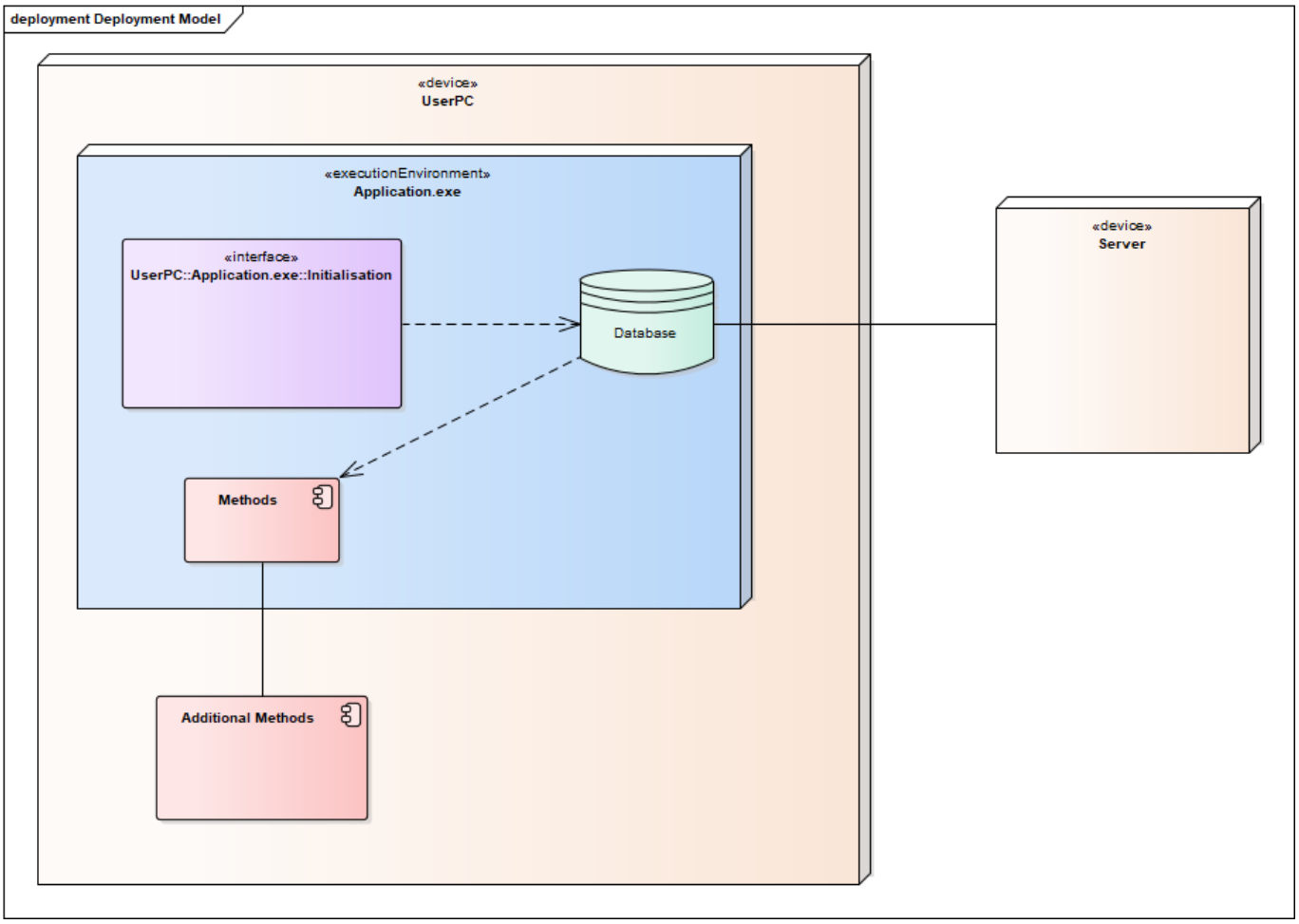

Figure 1.1 – Class Diagram

The application is run on the device it was installed ,it communicates with the server through database if it was connected to LAN ,the database also communicates with the Methods and tells them when to start their process.

2 Document the application delivery / installation.

The application is delivered through and online shop.

The user is provided with a install package executable, the installer will unpack the executable, the package with the methods and a file containing the database(that will register the commands of user through the interface and the track methods tracked data).

The installer will ask the user the installation directory ,ask if he wants to place a shortcut of the executable on the desktop and upon the ending of the installation will be asked if he wants to run the program.

Conclusions

In this laboratory work i learned how to create Deployment Diagrams which represent the architecture of the application and how its artifacts are distributed on the user's device and what are its communication paths it needs in order to execute properly.

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 deployment diagrams, https://www.uml-diagrams.org/deployment-diagrams-overview.html