*Abstract:*

*This project was requested by VIA BUS company, which is a company that provides tours(trips, journeys, bus-and-chauffeur) and is also responsible for the handling of the reservations for those tours and thus they have to deal with a large amount of data, as well as a considerable number of customers.*

*The goal of this project is to develop a system and to modernize and automate many of the company’s daily tasks. This could be achieved by creating a simple and useful Single User System, for the company VIA BUS, that will be capable of dealing with the adding/editing/removing of reservations, tours, chauffeurs, customers and passengers. The approach we took was to implement all the necessary requirements as well as the priority Use Cases. The design of our GUI was made with the prior knowledge that it won’t be used by tech-savvy people and thus the interface was mostly made of different tabs, panels and buttons and other familiar elements to the average computer user. The structure of our code is the following – several separate classes whose methods are combined in the GUI class inside the main method, where we have our GUI and functionality implementation. We ended up creating a way to deal with all of the tasks that the company asked for, however the implementation is not perfect. A lot of our code can be further edited and optimized and the same holds true for our interface design. Overall, this system is not something revolutionary, but instead our approach of taking several tasks and putting them in an environment where they are easier to perform and can save a lot of manual work.*