|  |  |
| --- | --- |
| **Introduction template** | |
| **How to create an introduction including a problem statement on 2nd semester.** | |
| **Student names** | Andrei Lucaci, Cristian Moldovan, Robert Ivan ,Razvan Andrei, Cosmin Stan. |
| **Title (initial)** | TV subscription cards database |
| **Subject**  Setting the stage  What is this project about? | The company needs a new program where they can stock their clients and the TV services that they are using. Being a company which provides multiple packages they need to know which one has been sold to someone and the period it is available (3 months, 6 months, 12 months, 24 months) and which pack (basic, silver, gold etc.)  As well the company installs antennas for the new customers and some time they need to change the broken ones.  The total number of customers so far is over 800 and continuously raising. |
| **Problem / Problem area**  Something that needs an answer/solution  Description of the context in which the problem occur | The company has already a system with a HTML platform but is out dated and is very hard for the employees to use it. The manager is the only one who knows how to use it because he has some knowledges in this area.  The purpose of our program is to know all the former and current customers and their info. We also have to know when somenoe has to renew their subscription and to remind them by an e-mail or by a call, when he started to use our company services. As well the company has employees who perform antennas instalation and the managerial board has to know how many instalation have been done by an employee, and is possible to use more than 1 employee/instalation. Because at the end of the year the board wants to know the activity of every employee. Before havig the basic program the employees had to write down all the info on paper formulars and it was very hard to find info about our customers. By using this system the companys turnover went up significantly. |
| **-Problem statement**  One or more specific questions | Output: - ability to search database by contact name, phone number, e-mail address - for each contact, the card number, antenna number, subscription period etc.  - table with the employee antennas instalation statistic |
| **Method / procedure**  Short description of the tools/theories that you will use to find a solution to the problem statement | To accomplish the project targets we shall use the following:  -UP combined with SCRUM.  -SQL Management for the database creation  -Eclipse for making the necessary Java code  -GUI for the user interface  -UMLET to design the domain model and the related diagrams prior to beginning the implementation of the code  -Business analysis from interviews with the company board management |