**User requirements Project56**

*Prioritized using the MoSCoW-system.*

**B1: The system will be able to read and save CityGis-data at high speeds.**

1 As a User, I want to be able to import CityGis-data in CSV format into the system, so that data can be analyzed. (**M**)

2 As a User, I want the system to be as fast as possible, so I don’t have to wait too long. **(M)**

3 As a User, I want to have a simple graphical interface for importing Data, so I can easily store my data. (**M)**

4 As a user, I want to be able to see a progress bar, so I can see how the importing process is coming along. **(S)**

5 As a User, I want the system to inform me of any possible errors in the importing process, so I know what went wrong. (**S**)

6 As an Administrator, I want the system to contain methods for data-importation that aren’t manual, so storing data doesn’t need an employee physically importing the data. (**S**)

**B2: The systems’ architecture will enable the creation and the saving of parallely aggregated reports**

1 As a User, I want to be able to download reports about the collected data and about more specific parts of that data, so I don’t have to go through all the data manually. (**M**)

2 As a User, I want the system to automatically aggregate useful information about the collected data, so I don’t have to select what I want in the report by hand. (**M**)

4 As a User, I want to be able to download these generated reports in pdf, so I can easily distribute these reports through to my colleagues. (**S**)

5 As a User, I want to be able to generate and download multiple reports at the same time, so I do not have to wait for each one of them to finish before the other. (**M**)

6 As a User, I want to be able to see progress bar of the generating/downloading process, so I know when I can safely quit the program. (**S**)

**B3: The system will provide a web –interface that will display CityGis software- and hardware performance statistics, for use in product development.**

1 As a User, I want the web-interface to be easily understood and navigated, so I do not need to be an expert-data analyst in order to use it. (**M**)

2 As a User, I want the web interface to display simple measurements and averages, so I don’t have to make these calculations myself. (**M**)

3 As a User, I want the web interface to display the statistics in a visual way, so I can easily see which components require further attention. (**S**)

4 As a User, I want to be able to generate and download reports containing the performance statistics, so I don’t have to go through all the data manually. (**S***) (See also Business requirement B2)*

**B4: The system will provide a web-interface in which vehicle maintenance-data can be made into reports and downloaded.**

1 As a User, I want the web-interface to be easily understood and navigated, so I do not need to be an expert-data analyst in order to use it. (**M**) *(See also Business Requirement B3)*

2 As a User, I want the system to automatically aggregate useful information about the collected data, so I don’t have to select what I want in the report by hand. (**M**) *(See also Business Requirement B2)*

3 As a User, I want to be able to download reports about the collected data, so I don’t have to go through all the data manually. (**M**) *(See also Business Requirement B2)*

5 As a User, I want the system to also represent the vehicle-maintenance data in an easy-to-understand visual way, so I can easily see the trend of the data. (**S**)

**B5: The system will provide a web-dashboard on which some important vehicle-maintenance data points will be shown to the vehicle-administrator.**

1 As a User, I want any alerts coming from the web-dashboard to be easily visible (from across all the web-interfaces), so I can address these issues quickly. (**M**)

2 As a User, I want alerts coming in the web-dashboard to contain basic information about the problem at hand, so I can quickly see what the issue is. (**M**)

4 As a User, I want the system to allow me to quickly share the information in the alerts, so I can alert my superiors. (**S**)

**B6: The system will provide a web-portal on which CityGis-meta data will be up for sale to 3rd parties.**

1 As a User, I want to buy data from CityGus, so I can use it for my personal purpose. **(M)**

2 As a User, I want to be able to pay via PayPal, so I can easily transfer the money. **(M)**

3 As a User, I want to be able to select which data I want to buy, so I only have to buy the data that I need. **(S)**