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| Human computer interaction |
| Semitag - Requierements Document |
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| The goal of this project is to put in practice the User Centered Design method for designing interactive computer applications. |

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# Reason and Motivation (Andon)

Provide to a user an easy way to find the path to go from one starting point to a destination point using the semitag network (buses, tramways, trains).

# Targeted user-base

## General description (Tigran)

Public transportation is used mostly by people who doesn’t have a care or who live in the town. To maximize our users, we decide to focus on 3 different personas.

The student is the most important user of the transport network. It uses every day to make the same path and doesn’t know the city when he/she arrives from another city. The tool will provider them a fast way to find their way to any place without knowing anything about the network.

The housewife knows the town well but she has appointments all around the city and cannot be late because she has to respect her planning. The tool will provide the optimal path to go somewhere.

And to finish a busy man who just find a job in the town. The tool will provide him the last buses available so he can spend more time at work and do not miss the last transport.

## Personas (Tigran)

### The young girl Emma

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| **Emma. K** | |  | | --- | | Student in a Business school, she loves to travel and would like to build an international career after her studies.  Autonomous, she always tries to figure out a solution before to ask any help.  Studying in another city, she uses internet to talk to her parents and for academic researches. | | **Key Attribute**   * **Spontaneous, always motivated to move out and have fun.** * **Doesn’t have a lot of money.** * **Autonomous.** * **Doesn’t like slow people.** |
| “Visit all continents once in a life is what each human should reach” |

### The housewife Pascale

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| --- | --- | --- | --- |
| **Pascale. L** | |  | | --- | | Housewife, she raised 3 children well. Use internet all the day when she is not cooking or cleaning the home.  Go out occasionally to visit a friend, take care of some administrative or medical paper. She is the spine of the family. | | **Key Attribute**   * **Hates to be late** * **Has an accurate schedule** * **Do things efficiently** |
| “Only my family matter, the rest can always wait” |

### The busy man Lucas

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| **Lucas. T** | |  | | --- | | After his studies, Lucas joins a small company situated in the town. Working as director assistant since 3 years, he has a lot of work.  Uses internet to make purchases, do banking or find cheap flights for holidays. | | **Key Attribute**   * **Motivated by his job** * **Single** * **Comfortable managing money** |
| “The main objective is to prevent the other to make money” |

# Functional Requirements

## User input collection (Tigran)

E.G. Annexes Questionnaire

## Analysis (Tigran)

## Scenarios (Andon)

## Use cases (Andon)

# Quality requirements (Andon)

# Annexes

## Questionnaire

* General
  + In which context do you use the services provided by the SEMITAG?

Dans quel cadre utilisez-vous le service proposé par le réseau SEMITAG?

* + How frequently do you use their services?

A quelle fréquence utilisez-vous leurs services?

* Internet
  + Do you use the web site?

Est-ce que utilisez-vous le site internet?

* + Which of them do you use?

Quel service du site utilisez-vous?

* + Do you know the path search?

Connaissez-vous la recherche d’itinéraire?

* + Are you satisfied by this feature?

Êtes-vous satisfait de cette fonction?

* + What do you do not like?

Qu’est ce qui ne vous plait pas?

* + What do you like ?

Qu’est-ce que vous plait?

* Other
  + Do you want to add something?

Voulez-vous ajouter quelque chose?