Third Year Group Project
Project Initiation Document – PID

Module Leader : SOUTAR Alastair

<u>Group Members</u> :

- MONTESI Yannick (Project Leader) - 10009836
- CHICOUARD Edwin - 10012594
- RICK Rodolf - 10012474
- ZARKOOB Tasin - 10019426
- TERRIEN Jasmin – 10012033

Client :

Our project named X is defined as a social travel guide website. So, as a social and community website it will be totally free for users.
If the project seems popular, we can then try to ask to different touristic centers if they are interested in adding some touristic places from their city in our website in order to enlarge their numbers of visitors.

Terms of Reference :

- Deliverables :

- Create a website which includes :

  - a registration/log in section (allow user to become member)
  - a member account + home pages
  - a Facebook service (allow users to publish their guide on Facebook)
  - an Admin / moderator account (with privileges)
  - the possibility to add or modify a place
  - a search bar (for find a city)
  - a database
  - a download section (link for the application)

- Create an Android application which includes :

  - a mobile database
  - a log in section
  - a menu selection (information about a place, map, etc)
  - register the application on the Android Market

- Responsibility :

   The website will apply a privacy policy that considers personal information (name, e-mail) to be private and confidential. Accordingly, all personal information that users provide will be stored in a secure location and accessible only by designated website staff. All personal information won't be used for a commercial purpose.

- Hosting Responsibility :

   The website will be host by the OVH society.

- Participants :

   MONTESI Yannick, CHICOUARD Edwin, RICK Rodolf, ZARKOOB Tasin, TERRIEN Jasmin.

- Constraints :

   The website and the application must be operational by 1st April 2011.
   All the documentation must be completed by 1st April 2011.
   Make a meeting every week (1h).

Requirements :

   Our project will be composed of two parts: a website and a mobile application for Android smartphones.

The main idea for this project is to create a website where users will be able to choose one or more places from a city and then, compose or create a "personal touristic guide". Then, the website will suggest the possibility for users to download their "guide" and all associated information on their Android smartphone in order to allow an offline consultation.

The website will provide many features as a member registration, the possibility for a user to select places and put them into a "basket", to add or modify a place, to comment a place, to share information by Facebook, to print or save into the user account his personal guide, to download a personal guide on an Android phone.

The application will allow the user to log in and retrieve all information that he created on the website and to download his personal guide in order to provide an offline consultation when the user will travel and visit cities.

Way Forward :

The website :

- PHP + Symfony Framework for the website
- CSS for the design
- MySQL for the database / storage
- Doctrine PHP ORM (object relational mapper)
- AJAX + JQuery Framework

The application :

- IDE Eclipse 3.6.1 + ADT plug-in + Android 3.0 SDK
- Java
- HTC Hero 2.1 to test the application

In addition we will use :

- Photoshop software
- Google Code as SVN Server
- Tortoise (Win) and Versions (Mac) SVN Clients

Backup / save methodology :

- Each part of work that a member complete must be saved in their computer + on an external drive + on the provided SVN.

Plan :

We have separate the project in 2 parts : the website and the application. Rodolf will work on the website plus a part of the design integration, Jasmin will work on the Android application plus a part of the design integration, Edwin will work on the website analysis and database plus UML, Tasin will work on the application and Yannick will help for the application (researches and programming), create documents and lead the project.

Each part of the project will follow the requirements and the team leader will verify the progress of the project by checking what was done and which part must be completed from the deliverable section (from TOR). Some new ideas can be added during the development.

For the website, we have scheduled 7 to 8 weeks for the duration of the development, and 6 weeks for the application.

Risk Analysis :

Risk Event	Probability of Occurrence	Impact	Risk Response
Skills shortage	0.3	Programmers will lose time on their development plan until they understand how use a technique / technology.	Programmers in "difficulty" MUST ask to the other members if they know how use the specific technique that they are looking for. Plus, Yannick will make some researches in order to save time.
New member	0.1	The quantity of work will be changed and shared between 6 members instead of 5. Project planning must be modified.	A new planning must be scheduled. According to the new members skills, we'll decide with him if he will join in an existing part of the project (website, application, documentation), or create a new one (design part, etc)
Sick member	0.2	The quantity of work during a short time will be changed between 5 to 4 people (or less).	As a short term "trouble", change the planning is not an obligation. The tasks repartition should be modified, and Yannick will try to replace the sick member. If the duration of the illness is too important, the planning must be changed.
Hardware Crash	0.4	Member(s) can't work correctly. The development will be subjected to a waste of time.	A new workplace and hardware must be found (JKCC) in order to resume the development.
Deleted data	0.5	Member(s) work will be lost and this work may have to be done again.	Member(s) who will delete/erase/lose data of a completed work, must copy the saved filed from the SVN or from their personal save.