Status Report *MCA*

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| **Project** | Library Application |
| **Author** | Jessica Goertz |
| **Date** | 18. November 2014 |
| **Members** | Jessica Goertz, Bledar Baxhaku, Panagiotis Grivas |

Short Description

The Library Application assists students in daily life to find library-related information very fast. The main functionality of the application will be associated with library content. Students can use it to scan a book via its NFC Chip, which can be found on the book, to get valuable information about it e.g.: Title, Author, Publisher, Language, ISBN-10, Publisher etc. The second functionality will be a search through a library catalog, where all relevant metadata on the book is shown, including information on where the book can be found. The third functionality will be a library outline - map, where you can search for a book or specific part of the library. This map will be available also for direct opening through the catalogue search results, since inside the search results graphical help for finding the book requested will also be provided. Finally, there will be an app space where a view of the opening times and library contacts will be available.

The app itself will provide access to the following additional features:

* **Feedback/Contact:**

Acontact form for Feedback, requests, information etc. from the user.

* **Campus Plan**

Searching for Rooms, with visualization. Building pictures that can be zoomed into floor pictures.

* **Address Book of Technikum Wien:**

Searching for lectures and there informations like phone number and Email addresses.

* **Schedule Plan: (Nice to Have)**

Cis schedule plan where the user can see the lectures and the rooms.

* **Mensa Plan: (Nice to Have)**

The FHTW Mensa menu is shown.

* **News of Technikum Wien: (Nice to Have)**

A view of the FHTW main page news blog.

Tasks & Milestones List

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Name** | **Start** | **End** | **Duration in days** | **Milestone** |
| 1 | Decisions on Topic / Scope of App | 07.11.2014 | 11.11.2014 | 5 |  |
| 2 | Topics and Scope Determined | 11.11.2014 | 11.11.2014 |  |  |
| 3 | Clarify Data Source for all Relevant Information | 11.11.2014 | 16.11.2014 | 6 |  |
| 4 | Setup of Server | 13.11.2014 | 16.11.2014 | 3 |  |
| 5 | Create Data Model | 13.11.2014 | 16.11.2014 | 3 |  |
| 6 | Setup Database | 16.11.2014 | 20.11.2014 | 5 |  |
| 7 | Setup Ready and Data Source Ready | 20.11.2014 | 20.11.2014 |  |  |
| 8 | Design Study | 21.11.2014 | 23.11.2014 | 3 |  |
| 9 | Introduction into NFC usage & First Implementation | 24.11.2014 | 30.11.2014 | 7 |  |
| 10 | Preparation of data source & Importing into Database | 01.12.2014 | 14.12.2014 | 14 |  |
| 11 | Database completed with required data | 14.12.2014 | 14.12.2014 |  |  |
| 12 | Implement Web Service | 15.12.2014 | 11.01.2015 | 28 |  |
| 13 | Implement User Interface | 15.12.2014 | 11.01.2015 | 28 |  |
| 14 | Final Implementations of Application | 15.12.2014 | 11.01.2015 | 28 |  |
| 15 | Implement Test Cases | 15.12.2014 | 11.01.2015 | 28 |  |
| 16 | Implementation Completed | 12.01.2015 | 12.01.2015 |  |  |
| 17 | Testing the Application | 12.01.2015 | 16.01.2015 | 5 |  |
| 18 | Bug Fixes | 17.01.2015 | 20.01.2015 | 4 |  |
| 19 | Quality Control | 20.01.2015 | 20.01.2015 |  |  |
| 20 | Create Documentation | 07.11.2014 | 20.01.2015 | 74 |  |
| 21 | Create Presentation | 01.01.2015 | 20.01.2015 | 20 |  |
| 22 | Documentation and Presentation Completed | 21.01.2015 | 21.01.2015 |  |  |

Completed Tasks

* Decisions on Topic / Scope of App
* Topics and Scope Determined
* Clarify Data Source for all Relevant Information
* Setup of Server
* Setup Database
* Setup of Server-GUI
* Create Data Model
* Preparation of data source & importing into Database

Running Tasks

* Introduction into NFC usage & First Implementation
* Design Study