

Status Report MCA

Project Library Application

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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 eg: Title, Author, Publisher, Language, ISBN-10, ISBN-13, Publishing date 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:**

A contact 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 their 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.

Milestone

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

Next Tasks

- Create Data Model
- Design Study
- Introduction into NFC usage & First Implementation
- Preparation of data source & importing into Database
- Design Study