

Log book

Entry date : 29th january,19

Meeting number : 1

Minutes of the meeting :

- Thought of using MySQL for database handling.
- Services to be added to our software other than the services offered by our current IIT G library opac system.Eg: requests for e-book.
- Discussed about student and admin privileges.
- Book details: Name of the book, author, ISBN no., edition (or volume), genre, publisher, shelf number (with respect to the library), course (or subject related to the book), book issued by whom(**for admin only**). whether available or not, as fields we require to add in our database.
- Discussed about more fields or conferences (in which year it was published).
- Made a list of items to be concentrated on:
 - Storing user credentials, passwords.
 - Number of copies of books available as for now.
 - cBrowsing bar.
 - Forms we require :- Homepage, login page, a page for showing results, recommendation page(if we apply the idea).
 - User can see its own details, books issued.
 - User need not to login for searching books.

Duration : 30 mins

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

- Desired outline/interface is finalised.(Forms required and flow of forms)
- Tasks are distributed evenly among group members based on their interests.

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Entry date : 31st january 2019

Meeting number : 2

Minutes of the meeting :

GUI

- **Thought of keeping a Group discussion room** (whether available, booked or not, purpose needed for are the services assumed to be offered).
- **Recommendations w.r.t subject/course** (as a request from user to admin and will be stored in a local file).

- We will make panels to iterate through different pages.
- Admin can see and remove books from the main library.
- Thought of adding a new library to make interface more attractive.

Code behind GUI

- Exception handling, User can issue and return books (it would be virtual only).
- Access parts (who can access what).

Duration : 30 mins

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

- A dummy database made ready and analysed the required credentials along with the name of the book to make browse more easy.
- Analysis and design part is done.

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Entry date : 4th Febraury 2019

Meeting number : 3

Minutes of the meeting :

Database Management

- Currently MS access is preferred over MySQL due to presence of GUI. We are looking for the one which can search substrings in the fields.
- **Another field named URL (would say if the e-book is available or not)**, set of fields for publications would be separate.
- **Redistribution of work is done**
- Focus on admin previliges taken.
- Discussed about different libraries in vs.

Duration : 1hour

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

- GUI part is mostly done.Outline of interface is achieved which is to be further connected with database and uploaded on git hub.
- Worked a little bit on connecting it with database.

Entry date :5th febraury,2019

Meeting number : 4

Minutes of the meeting :

- implemented browsing
- Demonstrated to TAs and Suggestions are taken from them for further implementation
- Work is distributed for further implementation
- Browsing part is to be done from database

Duration : 30 mins

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

Browsing through books on different platforms(name, author,ISBN,genre) is done. Final interface layout is done.

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Entry date : 6th febraury,2019

Meeting number : 5

Minutes of the meeting :

The forms to be work on are distributed among 2 groups of two and two remained in interconnection part.

Thought of developing user profile form(To show the user information) , Update password form(To let user to change his password).

Merging of forms done individually is to be done.

Duration : 2 hrs

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

The forms (User profile and update password) are completed but having problem in update into database part which thought to be done in next meeting. Merging is done upto now.

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Entry date : 9th febraury,2019

Meeting number :6

Minutes of the meeting :

As most of the part is done alongwith milestone-2 we thought to divide the work for final fixes.

- The first task is to fix the remaining bugs
 - Panel problems(interface problems)
 - Database problems(access.query)
 - Multiple books bug
- Making interface more attractive
- Complete the remaining forms to be work on like
 - Discussion room form
 - Recommended books form
- Final task is to develop feedback part of project (recommndations of books from students)

Duration : 3 hrs

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

Final version of the project is ready. The forms that are thought to be made are completed(discussion room and

recommend books).Bugs of database handling in update password form is fixed.Other minute bugs are also fixed. Final layout interface is ready.

Entry date : 11th febraury,2019

Meeting number :7

Minutes of the meeting :

Today we thought of finalising the project by making final layout GUI by adding colours , and to fix the remaing bugs in the project like admin is deleting an user all the books issued to him should be returned.

Duration : 2 hrs

Number of Members Present : 6

Names of Members Present : 6

Progress Made :

The the software LMS(library mangement system) is atlast ready with all fixed bugs and wellwished interface. It is finally tested by us to crosscheck whether any bugs are still left.

