FYP Proposal Submission Form – SP23

FYP/CUI/SE-WAH/

* Project Title:

(150 characters)

"Book Shop Management System with GUI"

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* Which real world problem shall be solved by this FYP?

(800 characters)

"Book Shop Management System with GUI" is designed to streamline the operations of bookstores.
It offers a comprehensive solution for inventory management, sales tracking, and customer interaction.
With an intuitive graphical user interface, users can easily add, update, and remove book records, track sales transactions, manage stock levels, and generate reports. This system simplifies the process of managing bookshop operations."

Detail of Project Members:

1: CIIT/SP23-BSE-039/WAH   Muhammad Sami

2: CIIT/SP23-BSE-023/WAH   Ahmer Abbas

3: CIIT/SP23-BSE-035/WAH   Mustafa Riaz

4: CIIT/SP23-BSE-001/WAH   Umer Jahanzeb

5: CIIT/SP23-BSE-030/WAH   Sarim Iqbal

Supervised By:

Dr. Wasif Nisar

Project Streams:

☐ Web-based FYPs   ☒ Desktop Applications

☐ Mobile Apps FYPs   ☐ Game-based FYPs

☐ Hardware-based

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* Project Description:

(3000 characters)

Note: Login/logout and authentication/authorization shall be the default functionalities of Web/Gaming/Mobile/Desktop FYPs.

(a) What is the overall working/summary of this FYP? (1000 characters)

The **"Book Shop Management System with GUI"** is a software application designed to facilitate the efficient management of bookstores. It offers a user-friendly interface for various tasks including inventory management, sales tracking, and customer interaction. Users can easily add, update, and remove book records, monitor sales transactions, manage stock levels, and generate reports. The system simplifies bookshop operations, enhances productivity, and improves customer service. Additionally, it provides features such as viewing book details, managing customer records, and generating invoices. It is a comprehensive solution for bookshop owners and managers to streamline their operations effectively.

(b) Write name and detail of each module in your FYP.

> In **Book Shop Management System** following modules will be developed.
> **1).** Book Inventory Management   **2).** Sales Tracking   **3).** Customer Management
> **4).** Reporting **5).** User Interface **6).** Search **7).** Feedback and Review Management

1: Which module shall be developed by student 1?

(500 characters)

> In **Book Shop Management System** following modules will be developed by student 1.
> **1).** Book Inventory Management   **2).** Search

2: Which module shall be developed by student 2?

(500 characters)

> In **Book Shop Management System** following modules will be developed by student 2.
> **1).** Sales Tracking   **2).** Feedback and Review Management

3: Which module shall be developed by student-3?

(500 characters)

> In **Book Shop Management System** following modules will be developed by student 3.
> **1).** Customer Management   **2).** User Interface

4: Which module shall be developed by student 4?

(500 characters)

> In **Book Shop Management System** following modules will be developed by student 4.
> **1).** Reporting

5: Which module shall be developed by student 5?

(500 characters)

> In **Book Shop Management System** following modules will be developed by student 5.
> **1).** Additional tasks, such as integration and testing, or any other module that requires additional support.

(d-2) Mention below the three (3) new, but main, functionalities you are adding to this FYP. (600 characters)

> **1.** Advanced Search and Filtering

> **2.** Real Time Sales Analytics

> **3.** Interactive Customer Feedback System

Development Environment:

- **Tools** (e.g.Dot Net platform, Android Studio,
- Xcode, Swift, Ionic, Xamarin, PhpStorm
- /Php Laravel, WordPress, Maya, Unity 3D,
- Photoshop, MATLAB, ns-2, Python,
- Java EE, Java ME, NetBeans, Java Script,
- Node.js, Angular.js, JSON, OpenCV)
- **DBMS** (e.g. SQL Server, MySQL, SQLite,
- Oracle, Teradata)
- **Platform** (e.g. Windows, Linux)

> Select tools, DBMS, and platform as per above stream that you have chosen.
>
> **Tool(s):**
> **1).** NetBeans **2).** IntelliJ idea
>
> **DBMS:**
>
>
> **Platform:**
> **1).** Windows