**FYP Proposal Submission Form – FA’22 & onwards**

*DO NOT SUBMIT HANDWRITTEN FORM*

FYP/CUI/CS-WAH/015

# Project Title:

*Museum Information System*

(150 characters)

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

*You must write the exact problem which your FYP software shall solve. Please do not write irrelevant text.*

(800 characters)

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**1:** CIIT/FA20-BCS-127/WAH

**2:** CIIT/FA20-BCS-151/WAH

**3:** CIIT/FA20-BCS-153/WAH

**Detail of Project Members:**

*Supervisor Name*

**Supervised By:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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.

1. **What is the overall working/summary of this FYP?** (1000 characters)

*Example: 'Online Jewellery Shop' is a web based application. The application provides searching, viewing and selection of a jewellery item. A user can view complete specification of each item along with images. Users shall be able to view reviews of already sold items and could write their own reviews. The application shall provide a drag and drop feature for the shopping cart. The application also provides online item purchase facility through Internet Banking, Easypaisa, Jazzcash, credit and debit card. For every transactions, the software generates emails.*

# Write name and detail of each module in your FYP.

*Example: In Hospital Management System (HMS), the modules are (i) Patients, (ii) Doctors, (iii) Lab Material Inventory, (iv) Paramedical Staff, (v) Rooms & Wards, and (vi) Pharmacy.*

# Member-wise Module Information

1: Which module shall be developed by student-1?

(500 characters)

*In HMS, I shall develop Patients module which includes: (i) self registration (online, on-counter), (ii) book appointments, (iii) view medical record (prescriptions & lab reports).*

2: Which module shall be developed by student-2?

(500 characters)

*In HMS, I shall develop Doctors module which includes: (i) registration (online, on-counter), (ii) set appointments schedule, (iii) view appointments (present history), (iv) patient checkup.*

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

(500 characters)

*In HMS, I shall develop Lab Material Inventory module which includes: (i) lab attendant registration, (ii) add/update/delete lab inventory items (kits, raw material, instruments, etc.), (iii) view/update/delete test appointments, (v) add/update/delete test samples, (vi) generate reports.*

# Were similar FYPs already developed on the same topic in your department?

Yes No

# (d-1) Copy name(s) of latest one or two similar FYPs from RMS student console and paste below. (150 characters)

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

1.

2.

3.

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# Development Environment:

Select tools, DBMS and platform as per above stream that you have chosen.

Tool(s) :

DBMS :

Platform :

* **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

# Evaluation Criteria for 7th Semester:

(Week 14 - 16)

1. SRDS (Functional & Non-functional requirements, Use case diagram, Sequence diagram, Class diagram, Entity relationship diagram / Detailed hardware configuration)
2. Implementation of ONE major use case (>=30% FYP work), which does not include login/logout.
3. Interface with complete functionality of major use case / In case of hardware, provide configuration of major use case functionality.

# Evaluation Criteria for Internal 8th Viva:

(Week 12 & 13)

* 1. Implementation of all use cases (>=90% FYP work)
  2. Project in running and working form as per Use case, Class and Sequence diagrams as mentioned in SRDS
  3. Initial FYP report
  4. Deployment
     + Web: Your website must be online on any free/paid hosting service
     + Mobile App: Your app must be in APK/iOS form so that it can be installed
     + Gamimg: Your game must be in executable form so that it can be installed
     + Desktop Application: Your application must be in executable form so that it can be installed
     + Hardware: Your final product must be in proper casing and should give look and feel of sellable item