

**Project Proposal**

**<** **STORE MANAGEMENT SYSTEM >**

**Zaffar khan 42277**

**Bilal Shahid 42496**

**Sagar kumar 42256**

**Areesh Zahid 9508(GL)**

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**<IQRA UNIVERSITY>**

**< Dr Mansoor Ebrahim >**

**<**<https://github.com/Software-Engineering-IU?tab=repositories>**>**

**Project Proposal**

# Section – 1

# 1.1 Project Identification

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Project Title: | | | | | | |
| **STORE MANAGEMENT SYSTEM** | | | | | | |
| Group Leader (GL): | | | | | | |
| 1. | Name: | **Areesh Zahid** | | | | |
|  | Reg #: | 9508 | | | | |
|  | CGPA: | 2.62 | | | | |
|  | Mobile # : | 03350123773 | Email: | | [Zahidshabbir26@gmail.com](mailto:Zahidshabbir26@gmail.com) | |
|  | Signature: |  | | | | |
|  |  | | | | | |
| **Group Members (GM’s):** | | | | | | |
| 2. | Name: | **Zaffar Khan** | | | | |
|  | Reg #: | 42277 | | | | |
|  | CGPA: | 2.82 | | | | |
|  | Mobile # : | 03468050578 | | Email: | | [Zaffarkhan136@gmail.com](mailto:Zaffarkhan136@gmail.com) |
|  | Signature: |  | | | | |
|  |  | | | | | |
| 3. | Name: | **Bilal Shahid** | | | | |
|  | Reg #: | 42496 | | | | |
|  | CGPA: | 2.82 | | | | |
|  | Mobile # : |  | | Email: | |  |
|  | Signature: |  | | | | |
|  |  | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4. | |  |  | | --- | --- | | Name: | **Sagar Kumar** | | Reg #: | 42256 | | CGPA: | 3.16 | | Email: | [Sagar.42256@iqra.edu.pk](mailto:Sagar.42256@iqra.edu.pk) | | Mobile #: |  | |
| 5. | |  |  | | --- | --- | | Name: | **M.Zeeshan Saleem** | | Reg #: | 8003 | | CGPA: | 2.86 | | Email: | Zeeshan.8003@iqra.edu.pk | | Mobile #: |  | |

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| --- | --- | --- | --- | --- |
|  | | | | |
| What technology is core to your product? *(Please mark* 🗹 *where applicable)*  |  |  |  | | --- | --- | --- | | [ ] 3D/4D Printing | | [ ] Augmented Reality / Virtual Reality | | [ ] Big Data, Artificial Intelligence | | [ ] Blockchain | | [ ] Cloud | | [ ] Neurotech | | [ ] Robotics | | [ ] Shared economy | | [ ] The Internet of Things | | [ ] Wearables, Implantables | | [✓] Others (specify): | Java programming for business environment stock | | | | | | |
|  | | | | |
| What is the target market(s) for the products? *(Please mark* 🗹 *where applicable)*  |  |  |  | | --- | --- | --- | | [ ] Automotive, aviation, marine | | [ ] Business, marketing, finance | | [ ] Defence, security, safety | | [ ] Education and training | | [ ] Environment, water management | | [ ] Entertainment, tourism, sport/recreation | | [ ] Food, livestock, agribusiness | | [ ] Healthcare | | [ ] Infrastructure, housing & transport | | [ ] Mining equipment technology & services | | [ ] Oil, gas, energy | | [ ✓ ] Textiles, clothing, footwear | | [ ] Others (specify): |  | | |  | |  | | | | | |
| Other Organizations Involved in the Project: *(Please identify all affiliated organizations collaborating in the project, and describe their role/contribution to the project.)* | | | | |
| **Academic Organizations:** | | | | |
| *#* | *Organization Name* | | | *Role / Contribution* |
|  | IQRA UNIVERSITY EDC CAMPUS KARACHI | | | Provide us a Platform for this project |
|  | - | | | - |
| **Industrial Organizations:** | | | | |
| *#* | *Organization Name* | | *Role / Contribution* | |
|  | - | | - | |
|  | - | | - | |
| **Funding Organizations:** | | | | |
| *#* | *Organization Name* | | | *Role / Contribution* |
|  | - | | | - |
|  | - | | | - |
| Key Words: *(Please provide a maximum of 5 key words that describe the project)* | | | | |
| 1.Store Management system 2.Clothing store 3. Clothing Inventory System | | | | |
|  | | | | |
| Project Status: (Please mark 🗹) [ ] New [✓ ] Modification to previous Project  [ ] Extension of existing project | | | | |
| Project Duration: 2 | | Months | | |
| Proposed Budget: 20000 | | PKR | | |
|  | | | | |
| Project Description (what you want to do) (Provide a simple, high-level description of the project that clearly states the overall business goal of the initiative. If the description is highly technical or utilizes acronyms, please provide a one paragraph summary in layman’s terms of the project.) The purpose of the project entitled as “Store Management System” is to computerize the Front Office Management of store to develop software which is user friendly simple, fast, and cost – effective. It deals with the collection of products present in store, product list, customers’ details, staff details etc. Traditionally, it was done manually. The main function of the system is to access product record, staff info, promotion info and many more as and when required, and also to manipulate these details meaningfully System input contains details, while system output is to get these details on to the screen. The store management System can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast. In our selected project there are certain classes, like in our product class we have product properties in which we consider product code, product fabric, and entrances of the quantity of the product present in store. Now if we consider product list class; in this specific class we have the array list in which we show quantity available in the clothing store. Except it, we’ll make a customer class in which we make array list and the details of the customer or the product which is bought by the customers. In staff class we’ll analyze the staff members and their complete details with the information of the customer they deal via array listProject Justification (why you want to do this)*(A simple, high-level description of the benefits the project will achieve (generally a paragraph or less).* Having an eye on the current processing’s of most of the Store in our surroundings during the year. The idea was to build an application based solution to get rid of the manual systems by letting computers work instead of humans, according to the idea the results will be highly attractive as it may save the time as well as money which is wasted in huge amount each your by following the old record systems.  The project assessed by hospitals computer based record. The records will be highly customizable. This project will enable outlet to save record and have automated checking of records on the response by any problem. | | | | |
|  | | | | |
| We will use the following techniques/tools to achieve the final product.*(Maximum 200 words.)* | | | | |
| We will use these tools to achieve the final product:  Net Beans is used in development.  MS Access Is Used as Database.  Language: Java. | | | | |
| Synopsis:*(A brief description of the idea, in non-technical language, explaining product benefit, target market, basic technology, commercial partners, investors, and potential customers. Maximum 200 words.)* | | | | |
| This project is basically developed with the help of java the main purpose of this project is to finish the problem of people to save the records of sales and customers data .and manage the inventory system of store  This is the main problem to manage records in manual the problem to resolve by this software. Project will make suitable manageable records and people may do online shopping easily with help of this Software | | | | |

# Section – 2

# 2.1 Background

|  |
| --- |
| **Scope of the Project:** |
| The major scopes of software is that a lot of peoples stuck in the problem of Manage records   * Record data through computerized system rather than manually * Computerized record will reduce the hectic jobs of assessing manually the records. * Being an integrated computer based system it will reduce paper work |
| **Challenges:** *(Please describe the challenges, specific to this research topic, currently being faced internationally.* ***Maximum 500 words.****)* |
| **COMMUNICATION GAP:**  After that all there was an main problem while doing project that was not working together at one place because of COVID  **RISK MANAGEMENT:**  When we start our documentation we have start to decide to do work which reduce the risk that also challenged us that do not get risk we have to do documentation which reduce risk |
| **Motivation and Need:** *(Please describe the motivation and need for this work.* ***Maximum 500 words.****)* |
| <type here> |

# 2.2 Outcomes and Benefits

|  |
| --- |
| Expected Outcomes: *(Provide a list of proposed project outputs including publications, databases etc.)*This is a software base projectWe develop the user interface for Desktop appilicationThe First feature to add customers and add productsThe Second Basic Feature are to manage records of sales and customer data |
| Key Benefits and Beneficiaries: *(Please identify clearly the benefits and potential customers/beneficiaries of the project.)*Save your records fastly and find any data in a secondsManage the CustomersBuild the Online Platforms for customers |
|  |

# 2.3 Objectives

|  |  |  |  |
| --- | --- | --- | --- |
| *(Please describe the measurable objectives of the project and define the expected results. Use results-oriented wording with verbs such as ‘to develop..’, ‘to implement..’, ‘to research..’, ‘to determine..‘, ‘to identify..’* ***The objectives should not be statements and should actually specify in simple words what the project team intends to achieve (something concrete and measurable/ deliverable). Fill only those objectives that are applicable to the proposed project****.)* | | | |
| Having a problem to save our records of store in manual . The idea was to build an application based solution to get rid of the manual systems by letting computers work instead of humans, according to the idea the results will be highly attractive as it may save the time as well as money which is wasted in huge amount each your by following the old record systems.  The project assessed by hospitals computer based record. The records will be highly customizable. This project will enable outlet to save record and have automated checking of records on the response by any problem.  • Record data through computerized system rather than manually.  • Computerized record will reduce the hectic jobs of assessing manually the records.  • Being an integrated computer based system it will reduce paper work | | | |
| Key Milestones and Deliverables: *(Please list and describe the principal milestones and associated deliverables of the project. The timing of milestones is also to be shown in the Gantt chart in Annexure-A.* ***Quarterly deliverables are preferred****.)* | | | |
|  | | | |
| **S. No.** | **Elapsed time since start of the project** | **Milestone** | **Deliverable** |
| 1. | Week 01 | Project Research | Project Selected |
| 2. | Week 02 | Project proposal | Project report |
| 3. | Week03 | Project Development | Complete Project |
| 4. | Week04 | Project testing | Final Project |
| (Please add more rows if required.) | | | |

# Section – 3

# 3.1 Resources & Other Requirements

|  |  |
| --- | --- |
| Project Team: ***The numbers in the table below must tally with the HR Cost sheet in the Budget file.*** | |
| ***Title / Position*** | ***Number*** |
| Team Leads | 1(Areesh Zahid) |
| Researchers / Developers | 1 (Bilal shahid) |
| Researcher / Development Assistants | 1(Zaffar khan) |
| Support Staff | 1(Zeeshan saleem) |
| Contract Staff (please specify) | - |
| Quality Staff Assurance | 1(Sagar kumar) |
| Add more rows if required |  |
| Team Structure: *(Please define the team structure (organogram) and role/key responsibilities of each member. If in collaboration with another partner, the division of manpower at various locations of partners be provided.)* | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Title/Position**  **(of each member)** | **Role/Key Responsibilities** | **Minimum Qualification Required** | **Expertise / Background Required** | **Minimum Experience Required (years)** | | Areesh Zahid  Team Lead | Lead to software & help to developers | undergraduate | Net Beans,java | 1 | | Bilal Shahid  Developer | Help to develop project and also manage the back end development | undergraduate | Net Beans,java | 1 | | Zaffar khan  Assit Developer | Help to senior develop project and also manage the front end development | undergraduate | Ms acess,java | 1 | | Sagar Kumar  Quality Staff Assurance | Help To testing The project | undergraduate | Ms acess,java | 2 | | Zeeshan Saleem  Support Staff | Help to documentation | undergraduate | Net Beans,java | 1 | | | |

**Remarks:**

1. Name & Signature of client:

2. Name & Signature of Faculty: