**DCS-01-8245/2023**

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**COMPUTER SYSTEM PROJECT**

**FOR**

**PERSONAL ID & DOCUMENT KEEPER SYSTEM**

**STATEMENT OF PROBLEM**

It’s a common headache among people I know around, often finding themselves in a crisis when they can’t lay hands on their vital documents and ID’s, either misplaced, lost or just far away when they need access to the document e.g when doing errands where one of the vital documents with them. This problem has now become so frustrating to people in losing their documents in doing their activities that some of us find it difficult to replace them in time of need. In solving this problem the system eyes on eradicating multiple problems by providing users with system based solutions that our program will do. This might actually help many in our future plans of document safe keeping and making a vision of apprehending the traditional way of carrying documents physically all through.

**FUNCTIONAL REQUIRMENTS & SPECIFIC OBJECTIVES**

**1.End-User**

a)Lawyers

b)Students

c)Employees

d)Citizens

**2.End-User Activity**

* **Navigating Documents to the system.**
* Sign Up
* Log In
* Receive a serial number given by the system
* Recording of documents in the system
* Saving of the uploaded documents
* Retrieve documents in times of need
* Choose a payment plan free/premium
* Log Out
* **Admin**
  + Sign Up
  + Log In
  + Manage document tracking in the system
  + View document credetiality of the users if applicable
  + Security checking for the system
* Log Out

**3.Spefic Objectives**

* To develop encrypted authentication passwords to secure user data in the system.
* To develop a proper functional database that interacts with the interfaces.
* To implement the system’s efficiency to the end-user in finding it easy interacting with the system.
* To initiate a fully responsive system that enhances the effectiveness of the system.

**4.Schedule**

1. Introduction to Project
2. Work plan
3. Front end design and development
4. Database
5. Logic Implementation with unit tests
6. Overall system test

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **WEEK**  **1** | **WEEK**  **2** | **WEEK**  **3** | **WEEK**  **4** | **WEEK**  **5** | **WEEK**  **6** | **WEEK**  **7** | **WEEK**  **8** | **WEEK**  **9** | **WEEK**  **10** |
| **Introduction** |  |  |  |  |  |  |  |  |  |  |
| **Work plan** |  |  |  |  |  |  |  |  |  |  |
| **Front end Design & Development** |  |  |  |  |  |  |  |  |  |  |
| **Database** |  |  |  |  |  |  |  |  |  |  |
| **Logic Implementation** |  |  |  |  |  |  |  |  |  |  |
| **Overall System** |  |  |  |  |  |  |  |  |  |  |

**5.Budget Analysis and Refinement**

|  |  |  |
| --- | --- | --- |
| Resources | Purpose | Cost(Ksh) |
| Hardware Resource |  |  |
| 1.Laptop/PC | -Develop project(front end, back end-testing) -Presentation | -Already Available |
| Software Resource |  |  |
| 1.Visual Studio Code  2.xampp | -Front end implementation  -Logic code writing and testing  -Running the project file for HTM,CSS,Javascript,PHP,SQl languages. | -Open source |
| Labour |  |  |
| Development |  | -Free |
|  | TOTAL | Ksh 0 |
|  |  |  |

**6.Methodology**

**1.Physicall Design (User Interface)**

* Sign Up
* Log In
* Receive a serial number given by the system
* Recording of documents in the system
* Saving of the uploaded documents
* Retrieve documents in times of need
* Choose a payment plan free/premium
* Log Out

**SignUp:** Data:

First Name

* First Name

Last Name

* Last Name
* Email Address
* Password

Email Address

* Confirm Password
* Select Country

Confirm Password Password

Password

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Login

**Login:** Data:

Email

* Email
* Password

Password

Login

**Home:**

**Login/ Sign** **Up**

**Dashboard**

**About**

**Blogs**

**Pricing**

The About will have the details about the System and the reasons for it

Dashboard: The details of the end user, upload and retrieve section, Search and All documents included.

Pricing: All subscriptions the user needs to pay inorder to use the system.

Blogs: These blogs talks about other systems that are similar.

Login: The login page.

Sign Up : The sign up page.

**2.Logical Design (Database and Logic Code)**

**Logic Design**

A[Start] --> B[Sign Up to create an account]

B --> C[Login to your account]

C --> D[Submit]

D --> E[Navigate and key details in dashboard]

E --> F[Upload document of choice.(ID or Dcouments]

F --> G[Get serial code]

G --> H[Retrieve document of liking(Optional)]

H --> J[Log Out (Optional)]

**Database Design**

* Sign Up
* First Name
* Last Name
* Email Address
* Password
* Confirm Password
* Login

Access The Dashboard

1. Input preferences

* The preference (Profile picture or username etc….)

b)Upload documents of Desire

* ID
* Documents(Certificates, CV, Application certificates and badges….etc)
* Receive serial number for your account

c)Retrieve documents of Desire

* Retrieve the documents of desire

d)Choose Subscription plan

* Select the plan you need for the system (free or premium)

e)Log Out

|  |  |  |
| --- | --- | --- |
| **Data (1NF)** | **2NF** | **3NF** |
| * Sign Up * First Name * Last Name * Email Address * Password * Confirm Password * Login * Dashboard * Document upload * ID upload * Issue serial number * Select Plan * Log Out | * Email Address * Password * Login * Preferences * Dashboard * Document upload * ID upload * Issue serial number * Select Plan * Log Out | **Categorization:**  **User Info\_Table**   * First Name * Last Name * Email Address * Password   **Documents\_Table**   * Preferences * Dashboard * Document upload * ID upload * Issue serial number * Select Plan |