Ver 1.0

### **Project (1): Family Document Manager**

### **Project Description:**

### The **Family Document Manager** is a comprehensive application designed to store and organize family documents efficiently. This application addresses the common problem of locating and managing various family documents, which are often scattered across multiple locations. By centralizing document storage, the Family Document Manager ensures that important documents are easily accessible when needed, such as during university applications, medical emergencies, or financial planning.

#### **Document Categories:**

1. **Education**: Public school documents, university education, and higher education.
2. **Health**: Hospital and insurance documents.
3. **Financial**: Financial documents.
4. **Government and Private Services**: Service request documents.
5. **Self-Development**: Self-development documents.
6. **Family Photos**: Family photos.

#### **Data to be Stored:**

* Automatic ID number
* Document title
* Document classification
* Document size
* Document issue date
* Document image
* Document description
* Document status (available/lost/damaged/invalid)
* Notes about the document

#### **Program Features:**

* Manual data entry directly from the program window.
* Import data from files (e.g., Excel files).
* Search and retrieve file data based on document properties.
* Update document data.
* Delete documents.
* Issue reports on documents.
* Display a preview image of the document.
* Export documents.

### **User Story Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **User Story ID** | **As a** | **I want to** | **So that** |
| 1 | User | Enter data manually | I can add new documents directly into the system. |
| 2 | User | Import data from files | I can quickly add multiple documents at once. |
| 3 | User | Search for documents by properties | I can easily find specific documents when needed. |
| 4 | User | Update document data | I can keep the information up-to-date. |
| 5 | User | Delete documents | I can remove outdated or unnecessary documents. |
| 6 | User | Generate reports on documents | I can have an overview of all stored documents. |
| 7 | User | View a preview image of the document | I can quickly identify the document without opening it. |
| 8 | User | Export documents | I can share or backup documents easily. |

Table (1) user story outlines the key functionalities of the Family Document Manager.

### Project (2): **Marry Me**

### **Project Description:**

### The **Marry Me** application is designed to facilitate the marriage of young men and women within a large extended family. This application addresses the issue of delays in forming new families among the younger generation by providing a structured and private platform for matchmaking. The scope of the project is limited to relatives within the extended family, ensuring a trusted and familiar environment for users.

#### **User Account Opening Data:**

* First and last name
* Automatic ID number
* Description of kinship in the family
* Gender
* Marital status (unmarried/divorced/widowed)
* Photo
* General description of the user (age, color, height, width, personality, hobbies and desires, job)
* Specifications of the desired husband/wife (height, width, weight, color, personality, job, other)

#### **Application Specifications and Services:**

* **Privacy Maintenance**: Ensures all user data is kept confidential.
* **Compatibility Report**: Displays a report after searching for potential matches.
* **Written Communication**: Allows written communication between matched parties.
* **Supervisor Coordination**: Forwards the request to a program supervisor upon initial approval between the parties.
* **Status Updates**: Updates the status of members after the marriage process is completed or if the engagement fails.
* **Support and Facilities**: Provides support and facilities for the wedding ceremony for those who marry through the application.

### **User Story Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **User Story ID** | **As a** | **I want to** | **So that** |
| 1 | User | Open an account and enter my data | I can be considered for matchmaking. |
| 2 | User | Specify my desired partner’s attributes | The application can find the best match for me. |
| 3 | User | Receive a compatibility report | I can see how well I match with potential partners. |
| 4 | User | Communicate with potential matches | I can get to know them better before making a decision. |
| 5 | User | Have my request forwarded to a supervisor | The process can be coordinated and managed properly. |
| 6 | User | Receive support for my wedding ceremony | I can have a smoother and more affordable wedding. |
| 7 | Supervisor | Manage and coordinate match requests | I can ensure the process is handled efficiently and appropriately. |
| 8 | User | Update my marital status | The application reflects my current status accurately. |

Table (2) user story outlines the key functionalities of the Marry Me application.

### **Project (3):** **Family Mercy (This is my favorite project and my first choice.)**

### **Project Description:**

### The **Family Mercy** application is designed to facilitate the collection and distribution of financial aid within an extended family. This application addresses the need for a structured and private platform to support family members facing temporary and harsh circumstances. By enabling family volunteers to contribute periodically, Family Mercy ensures that aid reaches those who need it most after thorough evaluation of their requests.

#### **User Account Opening Data:**

* **Personal Data**: First and last name, automatic ID number, description of kinship in the family, gender, marital status (single/divorced/widowed), and number of family members.
* **User Type**: Beneficiary, donor, or supervisor.
* **Contact Data**: Email, mobile number.
* **Description of the Case/Problem**: General description of the circumstances that require assistance.
* **Document Upload**: Supports uploading documents to prove the case.

#### **Application and Service Specifications:**

* **Privacy Maintenance**: Ensures all user data is kept confidential.
* **Financial Reports**: Displays financial reports for transparency.
* **Request Status**: Shows the status of requests (open/closed/canceled).

### **User Story Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **User Story ID** | **As a** | **I want to** | **So that** |
| 1 | User | Open an account and enter my data | I can participate in the aid program as a beneficiary, donor, or supervisor. |
| 2 | Beneficiary | Describe my circumstances and upload supporting documents | My request for aid can be evaluated accurately. |
| 3 | Donor | Contribute financial aid periodically | I can support family members in need. |
| 4 | Supervisor | Review and evaluate aid requests | I can ensure that aid is given to those who are eligible. |
| 5 | User | View the status of my aid request | I can know whether my request is open, closed, or canceled. |
| 6 | User | Access financial reports | I can see how funds are being utilized and ensure transparency. |
| 7 | User | Maintain privacy of my data | My personal information is protected and confidential. |

Table (3) user story outlines the key functionalities of the Family Mercy application.