Requirement Document

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File Cabinet Desktop App

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**Summary**

Project Overview:

Hello, this the Ocelot team from UW Tacoma. The members include Hamza Shanle, Patrick Schmeichel, Kieu Trinh and Kezeba Yifat. We are here today because we got a transcript of a client interview and will translate that into a product. The team will be creating a virtual file cabinet that organizes itself, quick to give me what I look for, only certain people can control but can only view, have a download option for offline backup, can delete a document without changing the order of the other documents and upload documents or pictures. It will start as a desktop application but can be made into a phone app.

Example Scenarios:

Will just got a new house. He is very excited about this because it is his first home he owns. Coming from a big family, he always wanted a space that is all his and now he finally has full control over every part of the house. The house came empty with not a single furniture and he wants to buy everything and decorate the house himself. But he doesn’t know what he wants the house to look like yet. One thing about Will is, he is very forgetful, so he knows that if he wants to return something later, he will have to keep all documentation of his purchases and receipts. But simply having a drawer or place is not enough, he needs something that will track and document everything about the process of decorations. Since Will is forgetful, he doesn’t want to buy the same thing again after he returns it. This is where our product comes in, it will keep track of the progress, organize the documents and he doesn’t have to remember where the receipt is ever again.

Will’s house is completely done and now he is hosting a housewarming party for his friends and family. About an hour into the party, Grace comes by and Will greets her. Will gives her a tour of his new house and she is enjoying it. As Will leaves to go get her a drink, she continues to look around and see this lamp and she absolutely loves it. Will comes back with drinks and she asks him what is this lamp and where did you get it from? Will, very forgetful, doesn’t remember and he doesn’t want to go look for the info now. If he had our product, he doesn’t have to. He can simply use the product to get what info he wants and give Grace and anyone else who has questions about the house. Also, if he doesn’t want anyone to change it but wants to show his information, there is a only view mode, in which you can see the information but can’t change anything.

**User stories**

**High Priority User Stories (Top 4)**

US01: As an app owner, I want a upload functionality so that I can upload different file categories.

US02: As a user, I want to download information in case it gets lost.

US03: As a homeowner, I want to delete information I don't need so that it doesn't get confused with other things.

US04: As an app owner, I want to have the total control on the app in the setting so that I can control who can access the information in the app.

**All User Stories**

US05: As a homeowner I want to have a read only permission when I use mobile for accessing information so I can protect my data from unintended changes

US06: As a user, I want a product that is easy to navigate, so I can get what I want quick and easy..

US07: As a user, I want the app that can be easily create the different category folder so that I can keep information organized as what I wants

US08: As a homeowner I want to have a file organization system so I can easily access the documents.

US09: As a homeowner, I want to organize my information by room so it's easier to find and understand.

US10: As a user, I want a product that can automatically organize information that I add to the product so I can save time.

US11: As a homeowner I want to give a priority for my documentation depending on the kind of information I have so I can easily retrieve information I want.

US12: As a shareholder, I want the product to be a desktop application and then made into an app, so I can share it with other people or view away from the computer.

US13: As a homeowner I want to be able access information using mobile or tablets so I can get the information I want any time.

US14: As a homeowner I want to be able access information using mobile or tablets so I can get the information I want any time.

US15: As a homeowner I want to have the application to have the scanning tool so I can easily upload images and documents.

US16: As a user, I want my app to access the camera so that I can upload the picture.

US17: As a homeowner, I want to be able to add my own instructions for a device so I and others can use it or configure it.

US18: As a homeowner, I want to be able to add service and repair information in order to make it simple.

US19: As a shareholder, I want a product that can be developed into a marketable product. so I can share the product.

US20: As a user, I want a product that is universal to the needs of the user, so I can use it for other pieces of information.

US21: As a customer, I want an easy to implement product, so I can use the product for many uses.

**Business Rules**

BR01: Security/Permissions: Only the owner can add or remove information, yet general users can view it.

**Functional Requirements**

FR01: Maintainability: there has to be a system that constantly organizes and keeps track of all the information that is added to the app.

FR02: Capacity: he wants to start small and increase the functions and information, so big memory is necessary.

FR03: Recoverability: there should be a back-up, in case of any problems.

FR04: Portability: it has to be flexible to be on many platforms.

FR05: Availability: It has to be available at all times and can be accessed whenever and wherever.

FR06: Ease of use: Only input from the user is important, the program takes care of organization.

**Requirements Specification / Technical Specification**

Users of the system should be able to upload, download, delete and retrieve information from the system depending on the privileges they have. The system will support two types of user privileges, homeowner and other users. The homeowner will have access to all functionality of the system and the other users will have access to one functionality which is retrieved information. The system will be a desktop application, but It can be a phone application with some feature added in the future. The application GUI provides menus, toolbars, buttons, panes, allowing for easy control by a keyboard and a mouse. The application allows upload / download data with different formats. The application allows users to scan images or documents and upload to the system. The application will allow any users to open a document from a chosen file and to view the document in the view pane. The application will allow homeowners to edit, delete or save a file. The application will allow homeowners to create a new folder. The application will allow any users to print any information unless they are using a mobile.

**Prototypes:**