

## Document Vault Using React JS

,Dr.D.B.Kadam,Parshv Patil,Mohammadzaid Farque Bhati

Dept. of E&TC Engineering, Padmabhooshan Vasantrodada Patil Institute of Technology, Budhgaon,  
Maharashtra, India

### ABSTRACT :

**Keywords:**React Js ,Google Firebase,Visual Studio Code.

### INTRODUCTION

Document Vault is a file storage app. It allows users to store files in the cloud. Files and folders are created through this app. Doc Vault offers “1GB” of free storage through google firebase. Doc vault has a website that allows users to see their files from any internet connected computer, without the need to download the app. It has SignIn , SignUp, Password reset functionality to protect users data. Every file has its unique id which separates the users data.Website is made of HTML, CSS, and JavaScript. For the front end we use the “React” framework, for styling we use “Bootstrap”. To create buttons we used “FontAwesome”.For routing there is a “React-Router-Dom” which is by react. For generation of unique ids we used uuid (Universally Unique Identifier).The most basic way to describe the Doc Vault is that online file cabinet where you can store documents and other digital files. So you can upload a file into “Doc Vault” from your home computer, then open your drive on your work computer and get into that same file.

As it's a React app When you run the app in your Computer displays a Website on Your Chrome or any Browser which consists of following Components as follows

- Signup Page => Consists of Fields such as Email,Password,Confirm Password which Lets you create your account.
- Login Page => Consists of email and password which helps you log in into your account
- Dashboard => Its Home Page of Website ,consists of Navbar,Profile Button,AddFolderButton,AddFileButton,if Any previous files you have uploaded will show it in Dashboard.
- Footer => Footer Element.

## FUNCTION OF AN APP

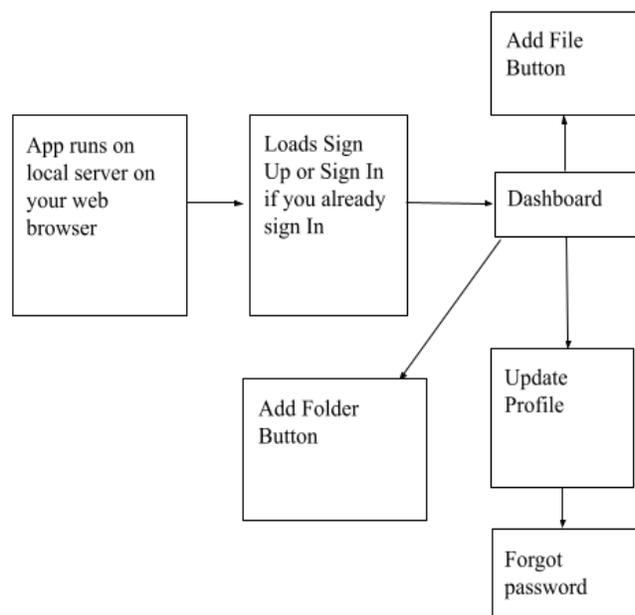


Fig. 1: Block Diagram

This App consists of many files such as CenterContainer.js, ForgotPassword.js, Login.js, PrivateRoute.js, Profile.js, Signup.js, UpdateProfile.js which helps to load the app. This Doc Drive Folder consists of AddFileButton.js, AddFolderButton.js, Dashboard.js, File.js, Folder.js, FolderBreadcrumbs.js, Navbar.js .

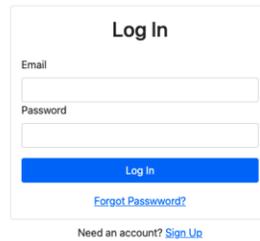
When you run the app in your browser with internet connection, it loads a website on your local computer host. If you open this website for the first time, it loads the Signup page where you have to put details like email and your own password. If you already have an account, the login page will open. Email and Password

Authentication functionality is implemented by Using Google Firebase. When you Signup it redirects you to Dashboard Of the website.It Consists of Profile Button ,AddfolderButton,AddFileButton.To Update Your Email and Password you can click on profile button.If there are many files Using Folders you can handle these files,so create an folder by clicking on AddFolderButton.By Clicking these button one modal will appear where you can give name to your folder.As now the folder is created you can now upload file in it .This all files and folders are constantly saved in Google Firebase database.

### **SOFTWARE ,LANGUAGES AND FRAMEWORKS**

- Visual Studio Code
- HTML
- CSS
- JAVASCRIPT
- REACT FRAMEWORK
- NODE PACKAGE MANAGER (NPM)
- UNIVERSALLY UNIQUE IDENTIFIERS (UUID)
- GOOGLE FIREBASE

### **OBTAINED RESULTS:**



**Log In**

Email

Password

[Log In](#)

[Forgot Password?](#)

Need an account? [Sign Up](#)

Fig. 2: Login Page



Fig. 3: Dashboard



Fig. 4: AddFolder Functionality

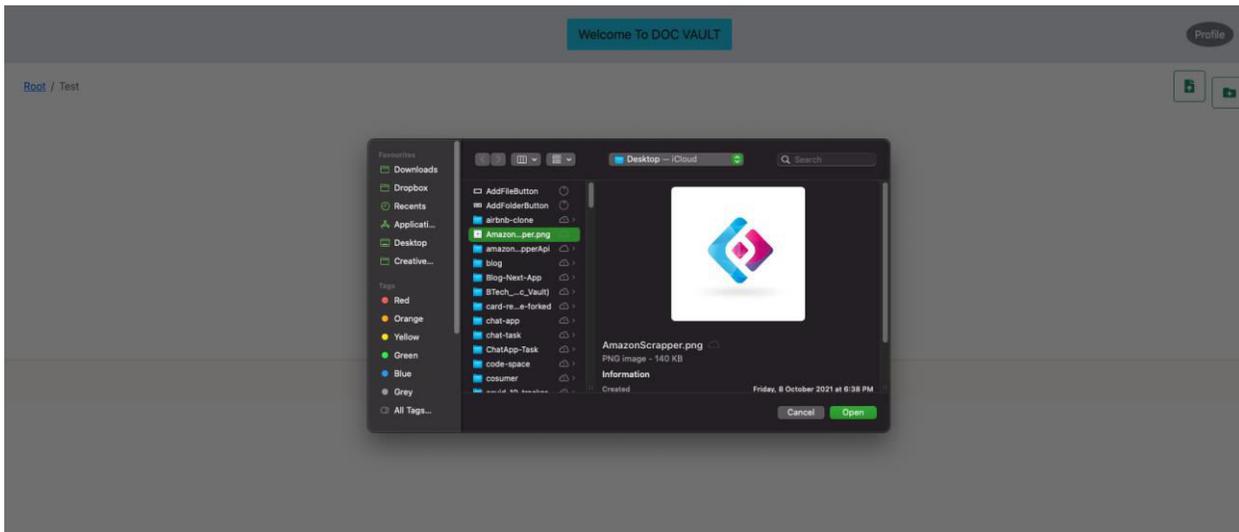


Fig. 5: Add File Functionality



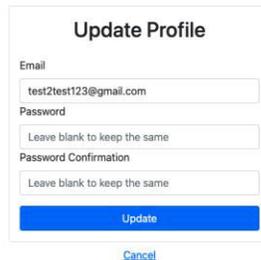
A screenshot of a web form titled 'Update Profile'. It contains four input fields: 'Email' with the value 'test2test123@gmail.com', 'Password' with the placeholder text 'Leave blank to keep the same', 'Password Confirmation' with the placeholder text 'Leave blank to keep the same', and a blue 'Update' button. Below the form is a blue 'Cancel' link.

Fig. 8: Update Profile Page

## CONCLUSION AND PERSPECTIVES

Document vault is a free charge of service that allows you to take your images, files and store them easily. Document vault is part of the website and part of cloud storage. Cloud storage offers file syncing services and constantly improves all the best features and core functionality. It quite decently supports folder creation and file creation in the cloud and can be accessible to any computer having an internet connection. To avoid potential privacy issues in our profile are managed responsibilities.

All in all Document vault offers a decent 1GB cloud storage for free.

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