

# Installation

1. Install Yarn package manager by going to:

<https://yarnpkg.com/lang/en/docs/install/#windows-stable>

Before you start using Yarn, you'll first need to install it on your system. There are a growing number of different ways to install Yarn:

Operating system: Windows

Version: Stable (1.9.2)

## Windows

There are three options for installing Yarn on Windows.

### Download the installer

This will give you a `.msi` file that when run will walk you through installing Yarn on Windows.

If you use the installer you will first need to install [Node.js](#).

Download Installer

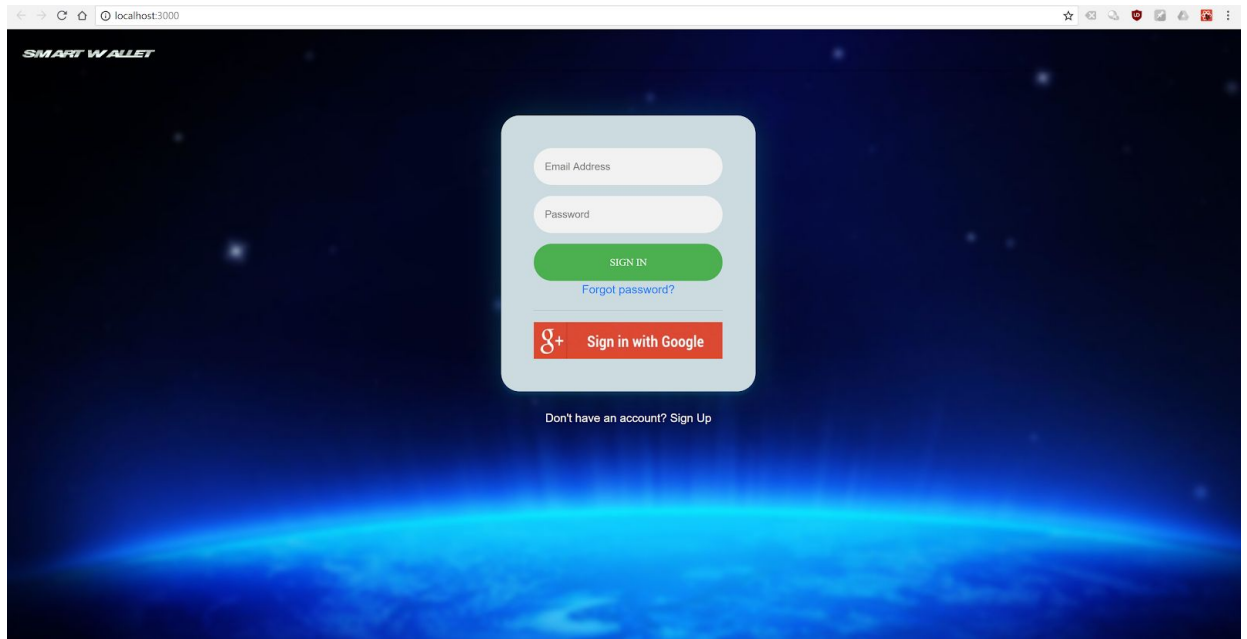
Select the appropriate operating system, and download the most recent stable version.

2. After Yarn package manager is installed, download SmartWallet from the GitHub repository at: <https://github.com/smshinn/SmartWallet>
3. Install the dependencies for SmartWallet by opening Node.js command prompt and navigating to the SmartWallet directory. Then input "yarn install" into the console.
4. To run the SmartWallet Application, input "yarn start" into the console.

**IMPORTANT: Make sure Firebase has been configured properly in `\SmartWallet\src\firebase\firebase.js` (Look up Configuration in the table of contents for further details on how to configure firebase)**

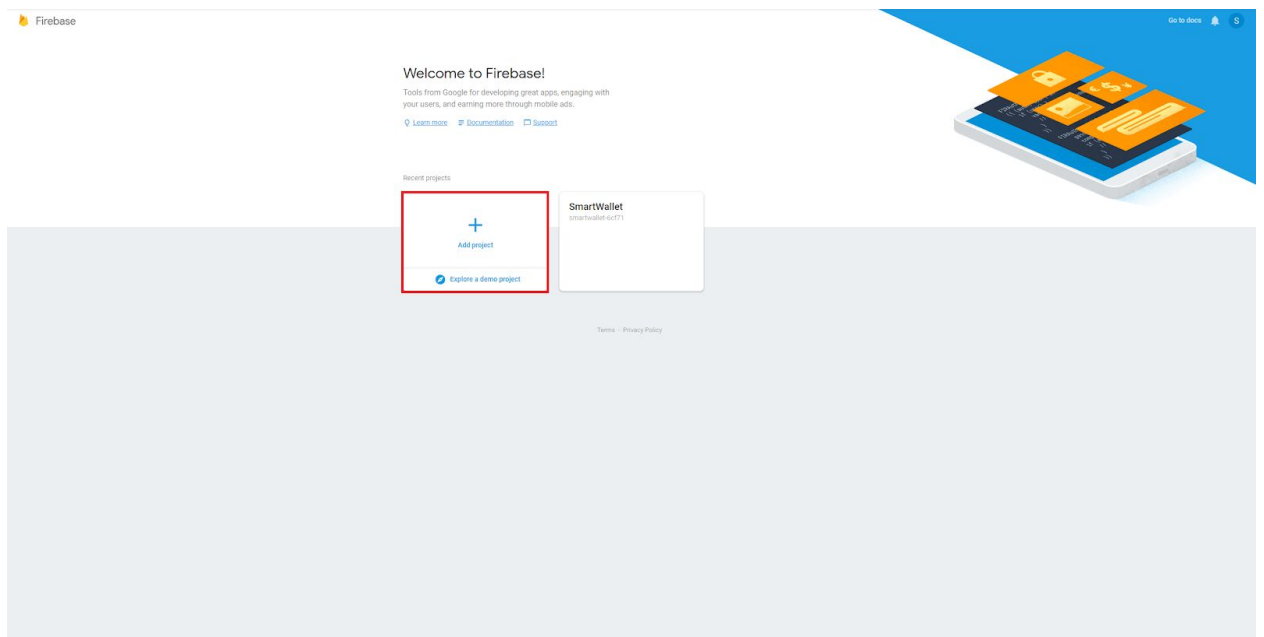
```
C:\SmartWallet>yarn start
yarn run v1.9.2
$ react-scripts start
```

5. The default browser should open and SmartWallet should now be accessible at localhost:3000

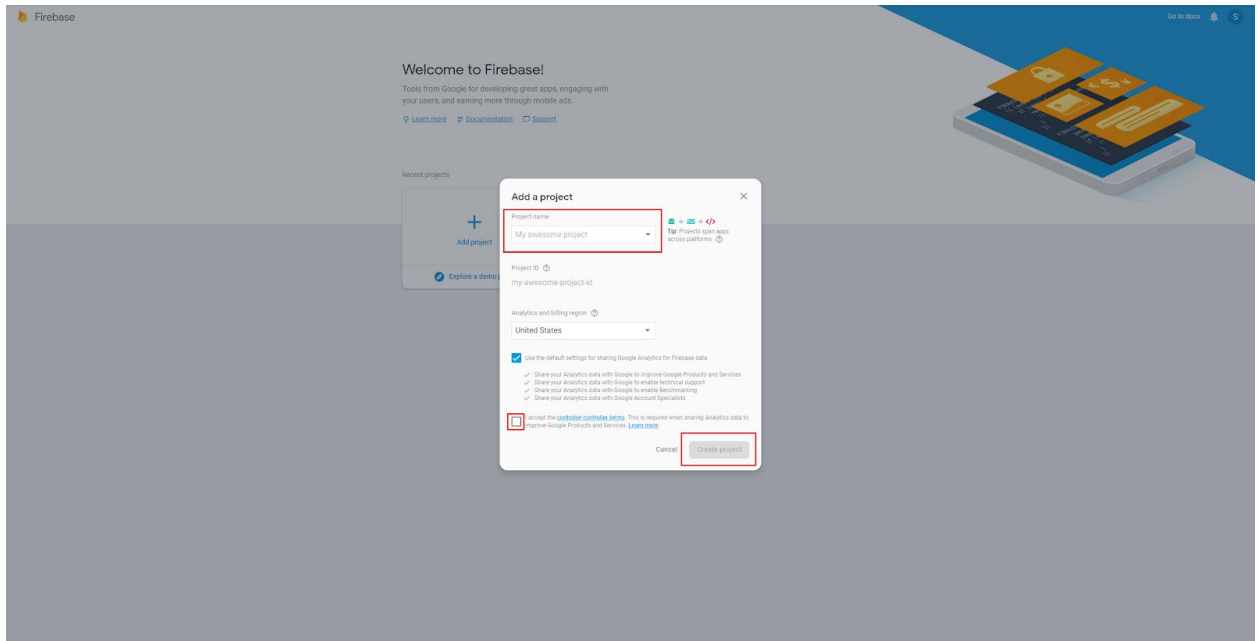


## Configuration

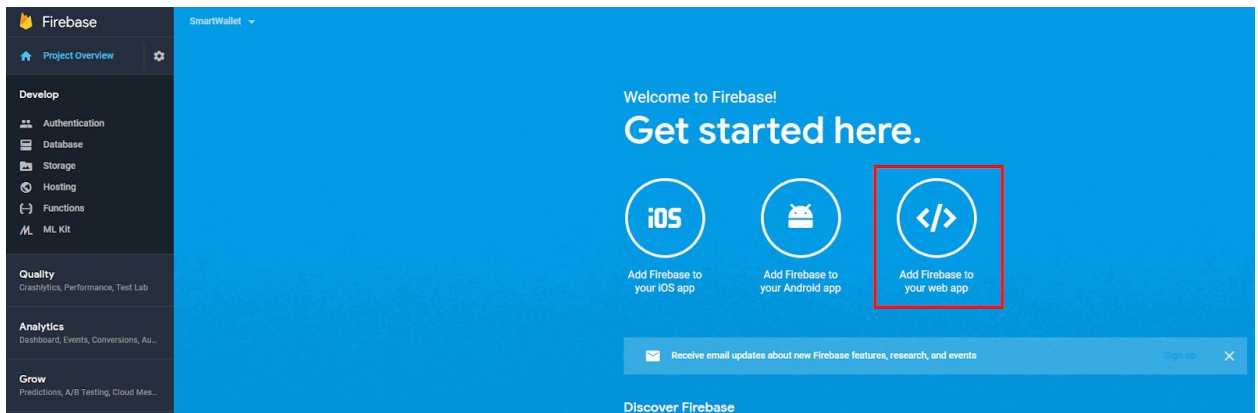
1. Create a firebase project at the link provided: <https://console.firebase.google.com>



2. Enter the project name, accept the terms and conditions, and click the “Create Project” button.



3. Once you have created your firebase project, click on “Add Firebase to your web app”.



4. A dialogue box similar to this should be shown:

### Add Firebase to your web app

Copy and paste the snippet below at the bottom of your HTML, before other `script` tags.

```
<script src="https://www.gstatic.com/firebasejs/5.3.0/firebase.js"></script>
<script>
  // Initialize Firebase
  var config = {
    apiKey: "AIzaSyDCU0FNWHaK0pJU004RS8Z6lg-32RqvF5s",
    authDomain: "smartwallet-6cf71.firebaseio.com",
    databaseURL: "https://smartwallet-6cf71.firebaseio.com",
    projectId: "smartwallet-6cf71",
    storageBucket: "smartwallet-6cf71.appspot.com",
    messagingSenderId: "858328572253"
  };
  firebase.initializeApp(config);
</script>
```

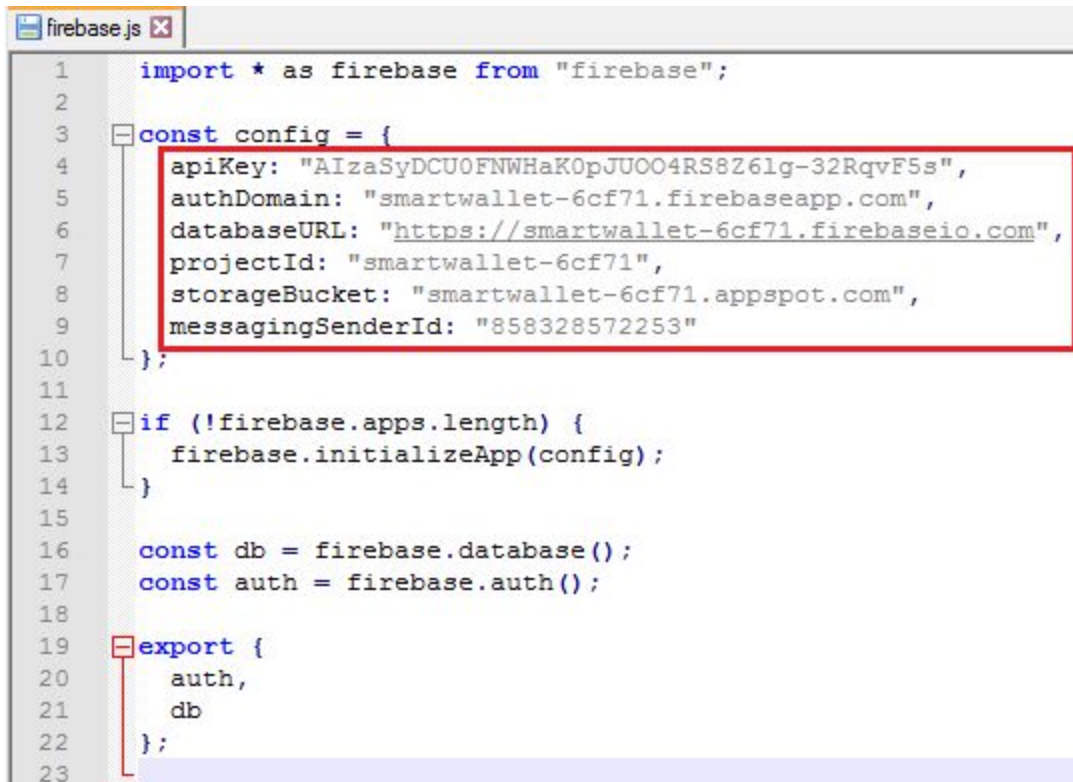
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Check these resources to learn more about Firebase for web apps:

- [Get Started with Firebase for Web Apps](#)
- [Firebase Web SDK API Reference](#)
- [Firebase Web Samples](#)

5. Replace the firebase configuration code in `\SmartWallet\src\firebase\firebase.js` with the code that is shown in the

dialogue box.



```
1  import * as firebase from "firebase";
2
3  const config = {
4    apiKey: "AIzaSyDCU0FNWHaK0pJUOO4RS8Z6lg-32RqvF5s",
5    authDomain: "smartwallet-6cf71.firebaseio.com",
6    databaseURL: "https://smartwallet-6cf71.firebaseio.com",
7    projectId: "smartwallet-6cf71",
8    storageBucket: "smartwallet-6cf71.appspot.com",
9    messagingSenderId: "858328572253"
10  };
11
12  if (!firebase.apps.length) {
13    firebase.initializeApp(config);
14  }
15
16  const db = firebase.database();
17  const auth = firebase.auth();
18
19  export {
20    auth,
21    db
22  };
23
```

6. Firebase is now configured to run with the SmartWallet webapp.