WICE App – Local Setup & Handoff Guide

This guide explains exactly how to get the WICE application running on any fresh computer using the existing Firebase project.

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1. Install the Required Tools

a. VS Code

Download & install: https://code.visualstudio.com/

When VS Code opens the project, install recommended extensions (popup appears automatically).

b. Node.js (LTS version)

Download & install: https://nodejs.org/
After installation, close & reopen your Terminal / PowerShell.

c. Git
macOS:
Run in Terminal:

```
xcode-select --install
```

- Or download from https://git-scm.com/download/mac

- **Windows:**
  Download and install from https://git-scm.com/download/win

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2. Download the Code

1. Open Terminal (Mac) or PowerShell (Windows).

2. Navigate to any folder (e.g., Documents).

3. Clone the repository:

```
git clone https://github.com/<your-repo>/Wice.git
```

4. Open the app folder:

```
cd Wice/WiceApp
```

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3. Install Project Dependencies

Inside **WiceApp**, run:

```
npm install
```

> No other folders require `npm install` unless someone wants to work on Cloud
> Functions (not required for this project).

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4. Configure Firebase CLI

The app is already connected to the **existing WICE Firebase project**.
 We just need to authenticate the CLI.

a. Install Firebase CLI

```
npm install -g firebase-tools
```

Confirm installation:

```
firebase --version
```

b. Log In

```
firebase login
```

c. Select the WICE Firebase Project

```
firebase use wice-granthunt
```

d. (One-Time Only) Make Storage Rules Active on Your Machine

From the root project folder (example):

```
cd /Users/<yourname>/Wice
firebase deploy --only storage
```

If you see a bucket error, verify this exists inside Firebase Console → *Storage*:

```
wice-granthunt.firebasestorage.app
```

5. Add Environment Variables

Inside **WiceApp**, create or open:

`.env.local`

Paste the following:

```
VITE_FIREBASE_API_KEY=AIzaSyCxGLVbQFj3VoWJXQc5UCdpU16wA23lKuc
VITE_FIREBASE_AUTH_DOMAIN=wice-granthunt.firebaseapp.com
VITE_FIREBASE_PROJECT_ID=wice-granthunt
VITE_FIREBASE_STORAGE_BUCKET=wice-granthunt.firebasestorage.app
VITE_FIREBASE_MESSAGING_SENDER_ID=820103276782
VITE_FIREBASE_APP_ID=1:820103276782:web:81ca17f5f00b0a92a92bff
VITE_FIREBASE_MEASUREMENT_ID=G-CFQX982R49
VITE_PROTECTED_ADMIN_EMAIL=admin@wice.org

FIREBASE_API_KEY=AIzaSyCxGLVbQFj3VoWJXQc5UCdpU16wA23lKuc
FIREBASE_PROJECT_ID=wice-granthunt
FIREBASE_IMPORT_EMAIL=admin@wice.org
FIREBASE_IMPORT_PASSWORD=WICEllc@025!!
```

6. Run the Application Locally

From inside **WiceApp**, run:

```
npm run dev
```

A local URL will appear (example):

```
http://localhost:5173
```

Open it in your browser — the app is now running locally.