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| Project Name | Exploria Travel and Tours |
| Project Theme | #243a2d; |
| Github Repository | https://github.com/JLipreso/Exploria-Monorepo |
| Short Description | Exploria Travel and Tours is web-based platform that allow tour operator post their services and allow user make a booking. |
| Platform Reference | The following are list of existing platform that you can use as reference:   1. <https://www.klook.com> 2. <https://www.asiaodysseytravel.com/> |
| Tech Stack | The following are technologies to be used to develop the Exploria Travel and Tours platform   * **Laravel:** Use Laravel version 10 as official back end script with the following guideline.   1. Use Query Builder.   2. Don’t create Model   3. For database table creation don’t create Migration File, instead please create a SQLFile format so that I can directly execute the SQL Statement in phpmyadmin.   4. Always implement middleware and other security related procedure for both mobile app and websites but make the implementation simple as possible. * **Vue 3 with composition API:** Use this as official UI development framework   1. For modal, forms and reusable Vue custom components, please create a separate file in src/components/[COMPONENT\_NAME.vue] * **Typescript**   1. Use Typescript instead of JavaScript to make code more modern and easy to manage.   2. For reusable functions or methods for websites or portal please create it inside shared-assets/ts/common-website.ts just follow this format “export function function\_name()”. * **Bootstrap + Custom CSS:** Use bootstrap CSS utilities to customize UI * **Swiper JS:** Please use swiper js if any sliding feature is required |

**Phase 1: Firebase authentication**

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| Goal | 1. Add firebase authentication to Exploria platform that enable user to sign in 2. Please provided a detailed step-by-step process of Firebase Integration considering of Firebase first time users of Firebase platform. |
| Claude AI Task | Please start the task here:   1. Create a database table name it “users” with necessary columns from saving a copy of first time user information after Firebase authentication.    1. Add a column “user\_refid” it will serve as unique identifier of the user instead of id here is the example value for user\_refid, the USR is to identify that data is a user followed by date-based numbers followed by uppercase 3 alphanumeric characters.       * USR-10042025033821-7SH       * USR-10042025033912-UON       * USR-10042025033919-EHL    2. Add a column **“confirmed”** with value 0 or 1. If 0, the user is new and initial information is not yet confirmed or completed. While 1 is user with complete information.    3. Add a column **“is\_operator”** with value 0 or 1 to identify if current user is a service operator or business partner.    4. Add a column **“is\_admin”** with value 0 or 1 to identify if current user is administrator.    5. Add a column **“is\_staff”** with value 0 or 1 to identify if current user is a staff.    6. And add any necessary column that you think useful in a travel and tour platform. 2. Create a database table name it “auth\_history” it will save information of every login including the following:    1. Add a column **“auth\_refid”** it will serve as unique identifier of the sign in instead of id here is the example value for auth\_refid, the AUT is to identify that data is a authentication followed by date-based numbers followed by uppercase 3 alphanumeric characters.       * AUT-10042025040135-J1B       * AUT-10042025040144-I75       * AUT-10042025040154-RD1 3. Create Laravel controller name it “AuthFirebaseController.php” with the following functions    1. This controller has namespace “App\Http\Controllers\Users” located in backend /laravel/app/Http/Controllers/Users/AuthFirebaseController.php    2. Check if user’s email already exist and notify user    3. Save a copy of new user in the database such as name, email, mobile number etc.    4. For new user, we will direct them in a second form where they require to complete or confirm the initial information from firebase such as:       * Firstname       * Lastname       * Birthday       * Gender    5. Create a route of each function under the prefix group “api/auth/firebase/[function\_name]”. 4. Create a services name it “AuthFirebaseServices.ts” to manage all API request    1. This services is located in packages/ shared-core/ shared-services/AuthFirebaseServices.ts |
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**Phase 2: Front end implementation of authentication**

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| Goal | 1. To implement the Firebase authentication in Administrator and Operators |
| Claude AI Task | Please start the task here:   1. Please create a Laravel controller name it as “AuthPortalController.php” this controller will manage logins of administrator, operators and staff.    1. Create a login method that allow user login if in the users.confirmed is true.    2. Allow administrator to login if users.confirmed is true and users.is\_admin is true.    3. Allow staff to login if users.confirmed is true and users.is\_staff is true    4. Allow operator to login if users.confirmed is true and users.is\_operator is true. 2. After creating the Laravel controller please create the “AuthPortalServices.ts” 3. Please create a Sign in Page for a travel and tour portal for both Administrator, Operators and staff with all theme of #243a2d; as theme, name all three screen as “SignInPage.vue” it would be fine since this three file are located in separate project. |
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