

# NEUsed Project Requirements Document

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## Page Requirement

#	Requirement	Description	Priority
Page 1.1	Homepage / Discovery page	The app should have a Discovery page as the homepage with posts displayed in time order (newest first)	Essential
Page 1.2	Sell Page	The app should have a Sell page as the main point for creating a new post	Essential
Page 1.3	Latest Posts Page	The app should have a Latest page listing posts in time order (latest first)	Preferred
Page 1.4	Your Posts Page	The app should have a Your Posts page listing posts created by the current signed in user	Preferred
Page 1.5	About Page	The app should have an About page listing team information and development version	Attractive
Page 1.6	Explore by Category Pages	The app should feature Explore by Category pages listing posts by their categories	Attractive

## 1. Component Requirement

#	Requirement	Description	Priority
Comp 2.1	NavBar Component	The nav bar should direct users to the Sell page, Authentication and About page. Users' given name should also be shown on the nav bar.	Essential
Comp 2.2	SideBar Component	The sidebar should direct users to the Latest Posts page, the Explore by Category pages, and the Your Posts page	Essential
Comp 2.3	Post Component	The post should be clicked for more details	Essential

### 2.3 Post Component

#	Requirement	Description	Priority
Comp 2.3.1	Post data load	The post should be able to display title, description, price, time, creator and status	Essential
Comp 2.3.2	Post action - create	Users should be able to create new posts	Essential
Comp 2.3.3	Post action - buy	Users who are not creators of the posts should be able to see a 'Buy' button which triggers email compose to contact the seller	Essential
Comp 2.3.4	Post action - edit	Users as creators should be able to see an 'Edit' button which updates the data of current post	Preferred
Comp 2.3.5	Post action - delete	Users as creators should be able to see a 'Delete' button which enables the current post to be deleted	Preferred

## 2. Authentication Requirement

#	Requirement	Description	Priority
Auth 3.1	Sign in	The app should use Google OAuth for user authentication and support sign in / sign out	Essential
Auth 3.2	Sign out	The app should allow users to browse the website as a guest.	Essential
Auth 3.3	Signed In status check	The app should use the signed in data across the app to restrict sell / buy / Your Posts functions.	Essential