Progress Report 3

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Date	Number of Hours	Description of work done
Oct. 9, 2025	2	Implemented functionality to create and edit listings including image uploads. Integrated Cloudinary for cloud image storage.
Oct. 10, 2025	1.5	Tested Cloudinary integration and ensured images display correctly on the dashboard and listing screens.
Oct. 11, 2025	1.5	Completed the favorites system using heart icons; users can now mark and unmark favorite listings.
Oct. 13, 2025	2	Optimized FlatList rendering for improved performance on the dashboard and listing screens.
Oct. 14, 2025	1.5	Added clickable listing cards that open several options such as Message Seller or Report Listing (not functional as of now).
Oct. 15, 2025	1.5	Adjusted responsive design across all screens to ensure usability on various devices and orientations.

From October 9 to 15, the focus was on enhancing the listing functionality and user experience. I implemented create and edit listing features with full image support via Cloudinary, enabling cloud storage and retrieval. The favorites system was completed with heart icons for marking listings. Performance improvements were made through FlatList optimization, and listing cards now include clickable modals with multiple options. Finally, the app's layout was refined for responsive design, ensuring a smooth experience across different screen sizes. Overall, the app is now fully functional for creating, editing, favoriting, and interacting with listings efficiently and visually consistently.

Future work:
The next major feature to implement is the "Message Seller" functionality. This will allow users to contact the seller of a listing directly through the app. In simple terms, it can be done by:

1. Adding a messaging screen or chat interface in the app.

2. Linking each listing to the seller's user ID.

3. Enabling users to send text messages to that seller, which will be stored in a database (e.g., MongoDB).

4. Displaying messages in real-time using Socket.IO or a similar real-time messaging solution so that conversations update instantly.

This feature will allow direct communication between buyers and sellers, making the marketplace fully interactive.