Add Product Form & Validation Part - 2

https://github.com/Shaswathhere/SoleMate/pull/5

NewProductForm Submission Logic

1. Overview

The `NewProductForm` component allows a user to add a new product, including its name, description, price, category, brand, and an optional image. The form uses **Formik** for form state management and **Yup** for validation. Submission involves preparing product data, simulating an API call, adding it to the global state, and showing a success modal.

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2. Form Setup with Formik

```
<Formik
  initialValues={{
    productName: '',
    productDescription: '',
    productPrice: '',
    category: '',
    brand: '',
  }}
  validationSchema={ProductSchema}
  onSubmit={handleSubmit}
>
```

Explanation:

- `initialValues`: default values of form fields.
- `validationSchema`: Yup schema ensures all fields are valid.

- `onSubmit`: calls `handleSubmit` when the user presses the submit button.

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3. User Interaction

- The user enters product details and selects brand & category.
- Optionally, they can upload an image.
- Formik tracks field values in `values` and displays errors if validation fails.

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4. Submit Button

```
<TouchableOpacity
  style={[styles.submitButton, (isSubmitting ||
formikSubmitting) && styles.submitButtonDisabled]}
  onPress={() => handleSubmit()}
  disabled={isSubmitting || formikSubmitting}
>
  <Text style={styles.submitButtonText}>
    {isSubmitting || formikSubmitting ? 'Adding Product...' :
'Add Product'}
  </Text>
</TouchableOpacity>
```

Explanation:

- Calls Formik's `handleSubmit()` when clicked.
- If validation passes, `handleSubmit` runs.
- If validation fails, errors are displayed below the fields.

- Button is disabled during submission.

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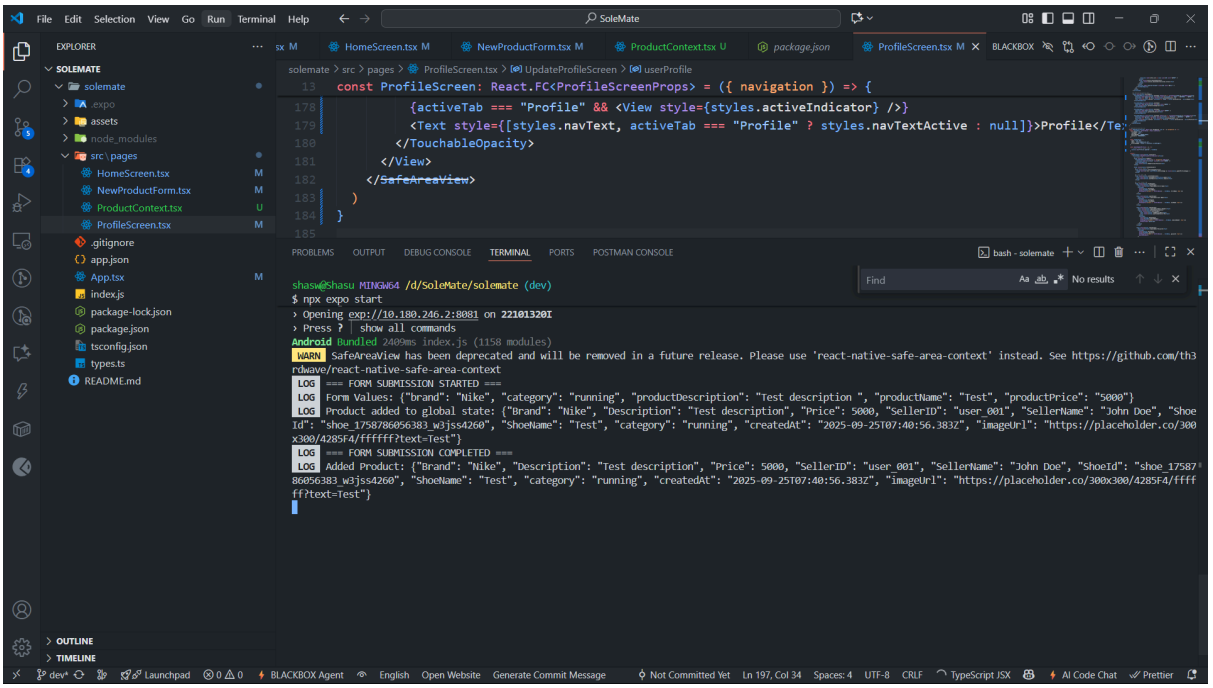
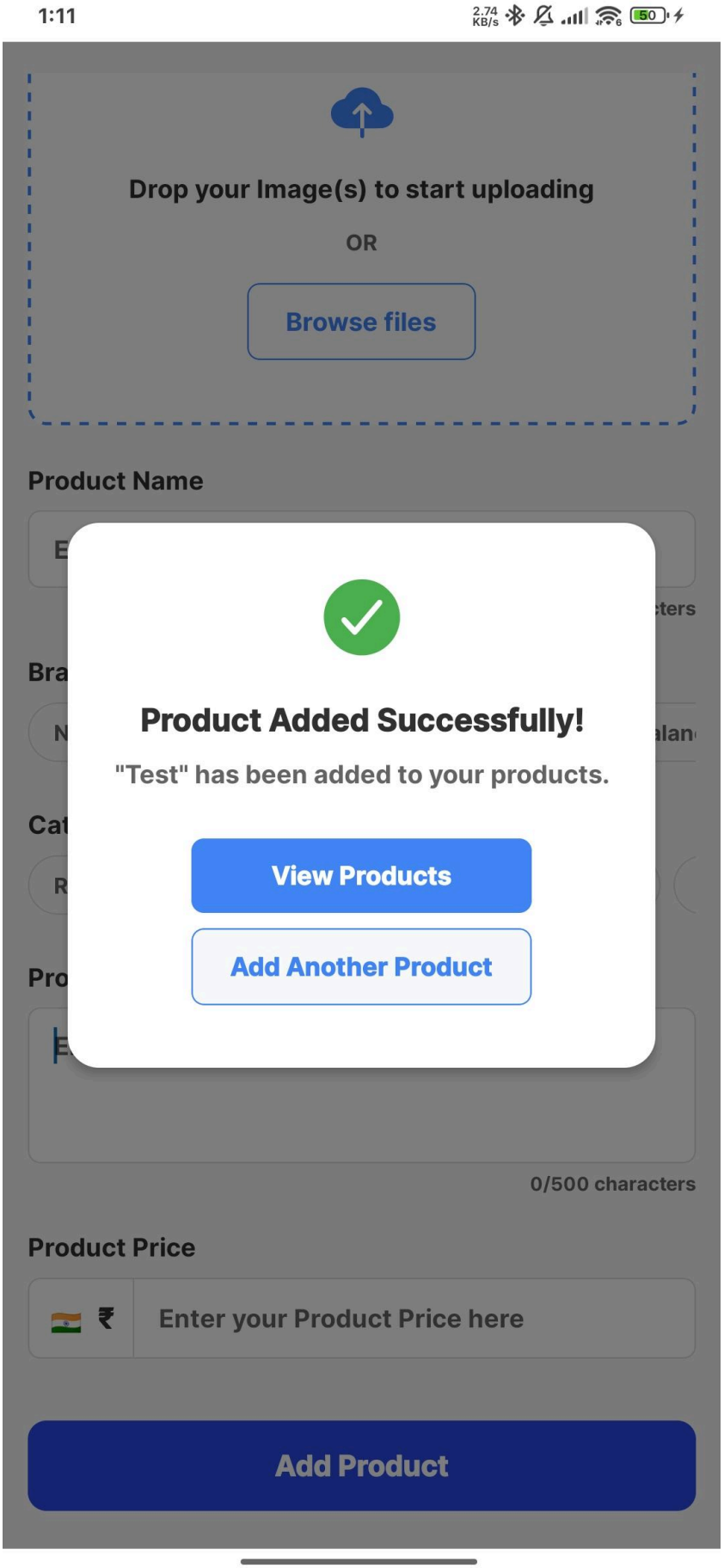
5. handleSubmit Function

```
const handleSubmit = async (values: FormValues, {
setSubmitting, resetForm }: any) => {
  try {
    setIsSubmitting(true);
    setSubmitting(true);

    // Prepare product data
    const shoeData = prepareShoeData(values);

    // Simulate API call delay
    await new Promise(resolve => setTimeout(resolve, 2000));

    // Add product to global state
    addProduct(shoeData);
    setAddedProduct(shoeData);

    // Show success modal
    setShowSuccessModal(true);

    // Reset form
    resetForm();
    setSelectedImage(null);

  } catch (error) {
    Alert.alert('Submission Failed', error instanceof Error ?
error.message : 'Unexpected error');
  } finally {
    setIsSubmitting(false);
    setSubmitting(false);
  }
};
```


File Edit Selection View Go Run Terminal Help
SoleMate
EXPLORER
SOLEMATE
solemate
.expo
assets
node_modules
src \ pages
HomeScreen.tsx M
NewProductForm.tsx M
ProductContext.tsx U
ProfileScreen.tsx M
.gitignore
app.json
App.tsx M
index.js
package-lock.json
package.json
tsconfig.json
types.ts
README.md
OUTLINE
TIMELINE
HomeScreen.tsx M
NewProductForm.tsx M
ProductContext.tsx U
package.json
ProfileScreen.tsx M
BLACKBOX
solemate > src > pages > ProfileScreen.tsx > UpdateProfileScreen > userProfile
const ProfileScreen: React.FC<ProfileScreenProps> = ({ navigation }) => {
{activeTab === "Profile" && <View style={styles.activeIndicator} />}
<Text style={[styles.navText, activeTab === "Profile" ? styles.navTextActive : null]}>Profile</Te
</TouchableOpacity>
</View>
</SafeAreaView>
)
}
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE
bash - solemate
Find
No results
shasw@Shasu MINGW64 /d/SoleMate/solemate (dev)
$ npx expo start
› Opening exp://10.180.246.2:8081 on 22101320I
› Press ? | show all commands
Android Bundled 2409ms index.js (1158 modules)
WARN SafeAreaView has been deprecated and will be removed in a future release. Please use 'react-native-safe-area-context' instead. See https://github.com/th3rdwave/react-native-safe-area-context
LOG === FORM SUBMISSION STARTED ===
LOG Form Values: {"brand": "Nike", "category": "running", "productDescription": "Test description ", "productName": "Test", "productPrice": "5000"}
LOG Product added to global state: {"Brand": "Nike", "Description": "Test description", "Price": 5000, "SellerID": "user_001", "SellerName": "John Doe", "ShoeId": "shoe_1758786056383_w3jss4260", "ShoeName": "Test", "category": "running", "createdAt": "2025-09-25T07:40:56.383Z", "imageUrl": "https://placeholder.co/300x300/4285F4/ffffff?text=Test"}
LOG === FORM SUBMISSION COMPLETED ===
LOG Added Product: {"Brand": "Nike", "Description": "Test description", "Price": 5000, "SellerID": "user_001", "SellerName": "John Doe", "ShoeId": "shoe_1758786056383_w3jss4260", "ShoeName": "Test", "category": "running", "createdAt": "2025-09-25T07:40:56.383Z", "imageUrl": "https://placeholder.co/300x300/4285F4/ffffff?text=Test"}
dev*
Launchpad
0 0
BLACKBOX Agent
English
Open Website
Generate Commit Message
Not Committed Yet
Ln 197, Col 34
Spaces: 4
UTF-8
CRLF
TypeScript JSX
AI Code Chat
Prettier


1:11
Drop your Image(s) to start uploading
OR
Browse files
Product Name
Product Added Successfully!
"Test" has been added to your products.
View Products
Add Another Product
0/500 characters
Product Price
Enter your Product Price here
Add Product