**Assignment – 7 Product Prototype Development & Testing**

**School of Professional Studies**

**Masters Research Project - 07 (Spring 2025)**

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**Team 6**

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**Ally Bank User Interface Working Prototype**

This document outlines the working prototypefor the Ally Bank online banking system. It demonstrates the user interface, interactions, and navigation flow to ensure a smooth and secure banking experience.

**Scenario-1: Before Setting Up TOTP**

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AI-generated content may be incorrect.**Fig 1.1 Login Page:** Display the login screen where users enter their Username and Password to access the system.

**Fig 1.2 TOTP Setup Alert:** Upon logging in, a TOTP Setup Alert appears, prompting users to set up TOTP authentication allowing them to proceed or skip. A screenshot of a computer

AI-generated content may be incorrect.

**Fig 1.3 Dashboard (Before TOTP Setup):** If the user selects 'No' on the TOTP Setup Alert, they are redirected to the dashboard, where a reminder to set up TOTP appears.A screenshot of a computer

AI-generated content may be incorrect.

**Fig 1.4 Logout Confirmation Screen:** Users can log out, which redirects them to the logout confirmation screen.A screenshot of a computer

AI-generated content may be incorrect.

**Scenario-2: Setting Up TOTP**

**Login Page:** Display the login screen where users enter their Username and Password to access the system. (**Refer to** **Fig 1.1)**

**Fig 2.1 TOTP Setup Alert:** Upon logging in, a TOTP Setup Alert appears, prompting users to set up TOTP authentication allowing them to proceed or skip.

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AI-generated content may be incorrect.

**Fig 2.2 Authenticator Setup:** If the user selects 'Yes' on the TOTP Setup Alert, they proceed to TOTP setup, where they scan a QR code to link their account with an Authenticator app.

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AI-generated content may be incorrect.

**Fig 2.3 TOTP Authentication Screen:** Display the screen prompting the user to enter the 6-digit code generated by their Authenticator app.

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**Fig 2.4 Dashboard (Post-TOTP Setup):** Show the dashboard view that appears after successful TOTP Authentication.

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**Logout Confirmation Screen:** Users can log out, which redirects them to the logout confirmation screen **(Refer to Fig 1.4)**

**Scenario-3: Re-Setting TOTP Authentication via Backup Code**

**Login Page:** Display the login screen where users enter their Username and Password to access the system. **(Refer to Fig 1.1)**

**Fig 3.1 TOTP Authentication Screen:** The user opted to use the Backup Code instead of entering the TOTP Code. A screenshot of a computer

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**Fig 3.2 Backup Code Authentication Screen:** Display the screen where users enter a Backup Code as an alternative to the TOTP Code for Authentication.

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**Fig 3.3 Authenticator Setup:** Show the setup screen where users scan a QR code with their Authenticator app to link it to their account.

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**TOTP Authentication Screen:** Display the screen prompting the user to enter the 6-digit code generated by their Authenticator app. **(Refer to Fig 2.3)**

**Dashboard (Post-TOTP Setup):** Show the dashboard view that appears after successful TOTP Authentication. **(Refer to Fig 2.4)**

**Logout Confirmation Screen:** Users can log out, which redirects them to the logout confirmation screen. **(Refer to Fig 1.4)**

**For Manual Test Cases Click below Excel Icon**

