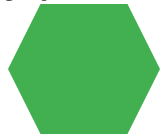# Digital Portfolio

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F6F
DEPARTMENT: BSc.computer science
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PROJECT TITLE

netflix-mobile-navigation

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link

PROBLEM STATEMENT

Netflix mobile app offers a huge library of movies, series, and documentaries, but navigating through this large content on small mobile screens can be confusing and time-consuming.

Users often struggle to quickly find desired content, especially when searching across categories or switching profiles.

lack of optimized mobile navigation leads to poor accessibility, longer browsing times, and reduced user satisfaction.

There is a need for a redesigned navigation system that is intuitive, personalized, and efficient for mobile users.

PROJECT OVERVIEW

The project focuses on redesigning the Netflix mobile navigation system to improve usability and user experience.

Aims to create a seamless, fast, and intuitive browsing experience for mobile users.

Emphasizes personalized navigation, ensuring users can quickly access their preferred content.

WHO ARE THE END USERS?

Primary Users: Netflix mobile app users (age 16-50).

Secondary Users: People with accessibility needs (voice commands, larger icons).

Frequent binge-watchers, casual viewers, and family users.

TOOLS AND TECHNIQUES

Frontend: React Native, Swift (iOS), Kotlin (Android).

Backend: Node.js, Firebase, Netflix API.

Design: Figma, Adobe XD.

Testing: Jest, Appium.

POTFOLIO DESIGN AND LAYOUT

1. Home Screen

Personalized recommendations based on watch history.

"Continue Watching" and "Trending Now" sections at the top for quick access.

2. Navigation Bar (Bottom Menu)

Home | Search | Downloads | Profile

Always visible for easy switching.

FEATURES AND FUNCTIONALITY

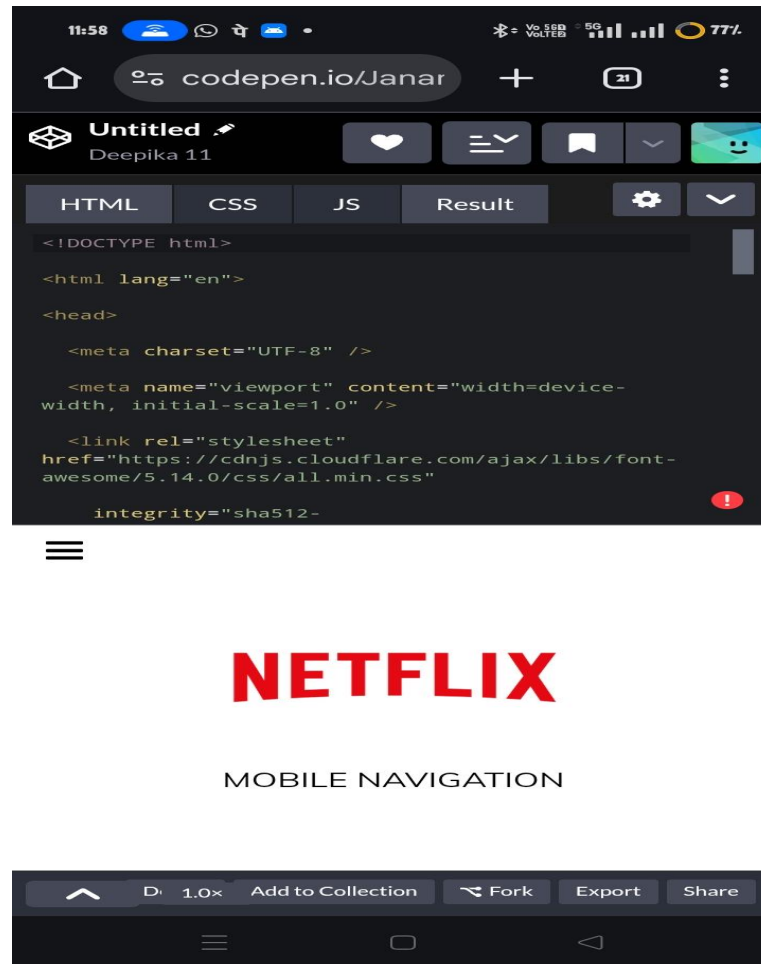Smart search with auto-suggestions.

Voice navigation support.

Quick-access categories (Trending, Continue Watching, Downloads).

Profile-based content recommendations.

Offline download manager.

RESULTS AND SCREENSHOTS

CONCLUSION

The redesigned navigation improves ease of use and speed on mobile devices.

Personalized layout ensures users find content quickly and efficiently.

Accessibility features enhance usability for a wider audience.

Results show higher engagement and satisfaction among users.

The system is scalable for future Netflix updates and new features.

https://github.com/deepideepika1106-commits
/Deepika--TNSDC-FWD-Dp.git