Project Report

Shiv Charitra
Learn in two way...

Keshav

Overview

This is an international Android app dedicated to the life, history, and achievements of Chhatrapati Shivaji Maharaj. The app presents structured content in Marathi, making it easy for users to explore important events, battles, and milestones from Shivaji Maharaj's life.
The goal of this app was to create a simple, clean, and accessible educational platform for people who want to learn about the great Maratha warrior in a digital format.

Objectives

1. To educate people about the life, history, and achievements of Shri Chhatrapati Shivaji Maharaj.
2. To preserve cultural heritage by providing authentic content in the Marathi language.
3. To make historical information accessible in a simple, structured and digital format.
4. To inspire youth through the values, bravery, and leadership qualities of Shivaji Maharaj.
5. To promote regional language learning by integrating native Marathi text into the app.

Features of the App

1. Well-Organized Content – Life events divided into categories like Birth, Childhood, Kingship, Foundation, Battles, and Achievements.
2. Multilingual Support – Content in Marathi, with plans for English and Hindi versions in the future.
3. Attractive Splash Screen – Displays Shivaji Maharaj's image with motivational text.
4. Simple & Intuitive Navigation – Easy-to-use menu with buttons/cards leading to detailed pages.
5. Topic-Based Pages – Each event (e.g., Akbar Khan battle, Tanaji first capture) has a dedicated information page.
6. Text Formatting – Bold flags and royal colors used in design to maintain readability.
7. Lightweight App – Fast loading and smooth performance on all Android devices.

System Design

1. Design Approach
   a. User-Centered Design
      - Target audience: students, history enthusiasts, and Marathi-speaking users
      - Focus on clarity, readability, and cultural relevance
   b. Content Organization
      - Each event has a dedicated page with a descriptive Marathi title and warrior spirit
      - Incorporated historical symbols and images of Shivaji Maharaj for authenticity
   c. Typography
      - Prefer Marathi fonts for cultural identity and ease of reading
      - Simple, bold headings for section titles; not readable body text for long paragraphs.
   d. Color Scheme
      - Use royal colors from historical flags
      - Splash screen + main menu + multiple detail pages for structured navigation.
   e. Navigation Design – Keep the focus on history, not on unnecessary visuals.
2. Development Approach
   a. Technical Stack
      - Android Studio (Java/Kotlin) for development
      - XML for layout design
      - Material Design components for modern UI.
   b. App Structure
      - Splash Screen – App introduction with Shivaji Maharaj's symbol.
      - Main Menu Activity – Navigation button/cards to major life events.
      - Detail Activities – Each page dedicated to an event or achievement.
   c. Code Architecture
      - Activity based navigation for simplicity.
      - Minimal dependencies for speed.
      - Used string resources for Marathi text to make the app lightweight and maintainable.
3. Optimization & Testing
      - App tested on multiple Android versions for compatibility.
      - Lightweight images and optimized layouts for faster loading.
      - Ensured offline functionality (Content available without internet).

Working of Each Page

Splash Screen

Splash / Intro Screen

- Shows a beautiful artistic image of Shivaji Maharaj with a dark background.
- Includes the inspirational text: "Shiv Charitra" and "Keshav".
- Purpose: Creates an emotional connection and sets the cultural tone before entering the app.

Home Page / Main Menu

1. Home Page / Main Menu

- Title bar: श्री राजा शिवाजी विद्यालय
- Below the title, a highlighted banner with Shivaji Maharaj's name and red flags (शिवराय).
- Main menu:
  - Scrollable list of topics such as जन्म (Birth), बालपण (Childhood), राज्याभिषेक (Kingship), स्वराज्याची स्थापना (Foundation), लढाया (Battles), महत्त्वाचे प्रसंग (Achievements), शिवाजी महाराजांचे मृत्यू (Death), मराठ्यांचा इतिहास (Legacy), शिवाजी महाराजांचे गुण (Qualities with Bijapur Sultanate), शिवाजीमहाराजांचे गुण (Qualities with Mughals).
  - Each button leads to a dedicated page with detailed historical content.

Content Pages (Individual Topics)

1. Content Pages (Individual Topics)

- Each topic opens a new screen with Marathi text.
- Examples:
  - जन्म (Birth) – Provides an overview of Shivaji Maharaj's journey and legacy.
  - बालपण (Childhood) – Explains the early strategies of the famous Maratha warrior.
- Designed for readability with clear fonts, background colors, and consistent layouts.

Movie Section

1. Added historical movies and video content related to Chhatrapati Shivaji Maharaj for a better interactive experience.
2. Users watch visually rich stories with reading text-based content.

Three Dot Options Menu

1. Share – Allows users to share the app with friends and family.
2. Rate Us – Redirects users to Play Store for feedback.
3. About Us – Shows the app up-to-date with the latest version.
4. Other Apps – Showcases developer's other applications.
5. Profile – Personalized user profile section.
6. Exit – Provides quick exit option for better usability.

All Screens of App