Rashtrapati Bhavan eAudio Guide Mobile App

The **Rashtrapati Bhavan eAudio Guide Mobile App** is a modern digital heritage solution developed to enhance the visitor experience at Rashtrapati Bhavan, the official residence of the Hon'ble President of India. The mobile app enables visitors to explore the historical, architectural and cultural significance of various locations within the Rashtrapati Bhavan through multilingual audio narration, providing an engaging and accessible self-guided tour.

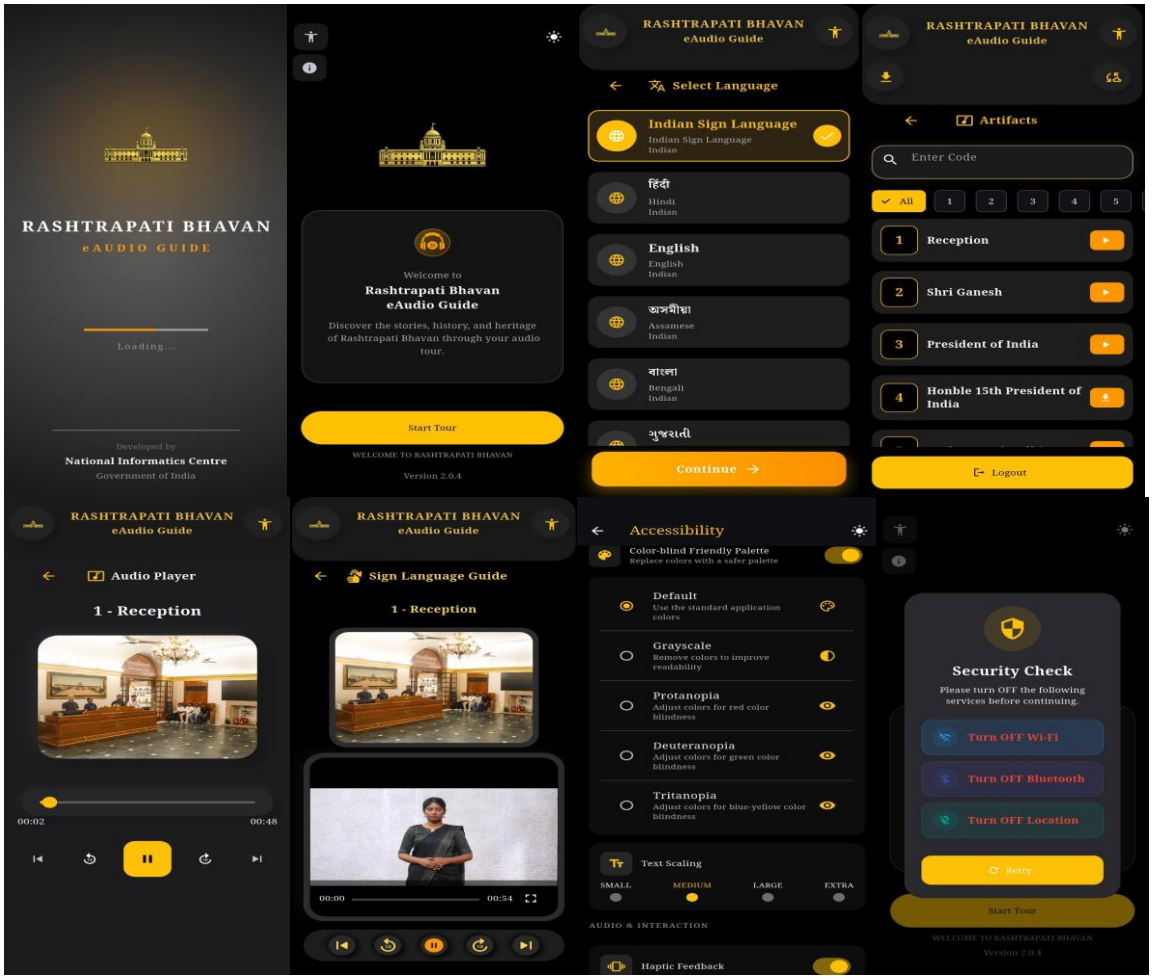
Designed and Developed by Mobile Competency Centre, Chennai in collaboration with President Secretariat Informatics Division, Delhi.



The eAudio Guide Mobile App has been officially launched by Hon'ble President of India, Smt Droupadi Murmu on 28-07-2026 at Rastrapati Bhavan to mark the completion of four years of her Presidency.



Glimpses of the Mobile App



Key Features of the Mobile App

- **Multilingual Audio Guide**
  - Supports 28 languages, including Indian and international languages.
  - Enables visitors to listen to professionally curated audio narration in their preferred language.
- **Offline Experience**
  - Securely stores audio content locally and Play without internet
- **Dynamic Content Synchronization**
  - Synchronizes artifacts and audio tracks from a centralized server through API.
  - Ensures the latest information is available while preserving previously downloaded content in case of network interruptions.
- **Visitor and Administrator Modes**
  - Visitor mode provides a simplified, secure, read-only experience.
  - Administrator mode enables synchronization and content management.
- **Accessibility Support**
  - Adjustable text size, High-contrast viewing mode.
  - Screen reader option.
  - Sign Language Video enabling hearing impaired and hard-of-hearing visitors to access content through Indian Sign Language (ISL).

Technology Stack

- Flutter
- Dart
- Riverpod State Management
- SQLite
- RESTful APIs
- AES Encryption