Innovation partner H2S HACK2SKILL

Media partner YOURSTORY

AI for Bharat Hackathon

Powered by aws

Team Name : Code2Skilll

Team Leader Name : Jui Prashant Inamdar

Problem Statement : BharatGov AI – AI Assistant for Government Schemes

Brief about the Idea:

BharatGov AI is an intelligent platform designed to help citizens easily discover government schemes they are eligible for. Many people are unaware of available schemes due to scattered information and complex eligibility criteria.

The system collects basic user details such as occupation, state, and category, and uses Artificial Intelligence to analyze eligibility and recommend relevant schemes.

This solution provides a simple, fast, and accessible way for citizens to connect with government welfare programs and improve awareness and accessibility. Can help millions of citizens access government benefits efficiently.

- User enters: Farmer
- Output: PM Kisan Yojana eligible

- **How different is it from any of the other existing ideas?**

➢ Existing platforms provide only general scheme information. BharatGov AI provides personalized scheme recommendations based on individual user profile using Artificial Intelligence.

- **How will it be able to solve the problem?**

➢ The system analyzes user details such as occupation, state, and category, and matches them with scheme eligibility criteria to recommend relevant schemes quickly and easily.

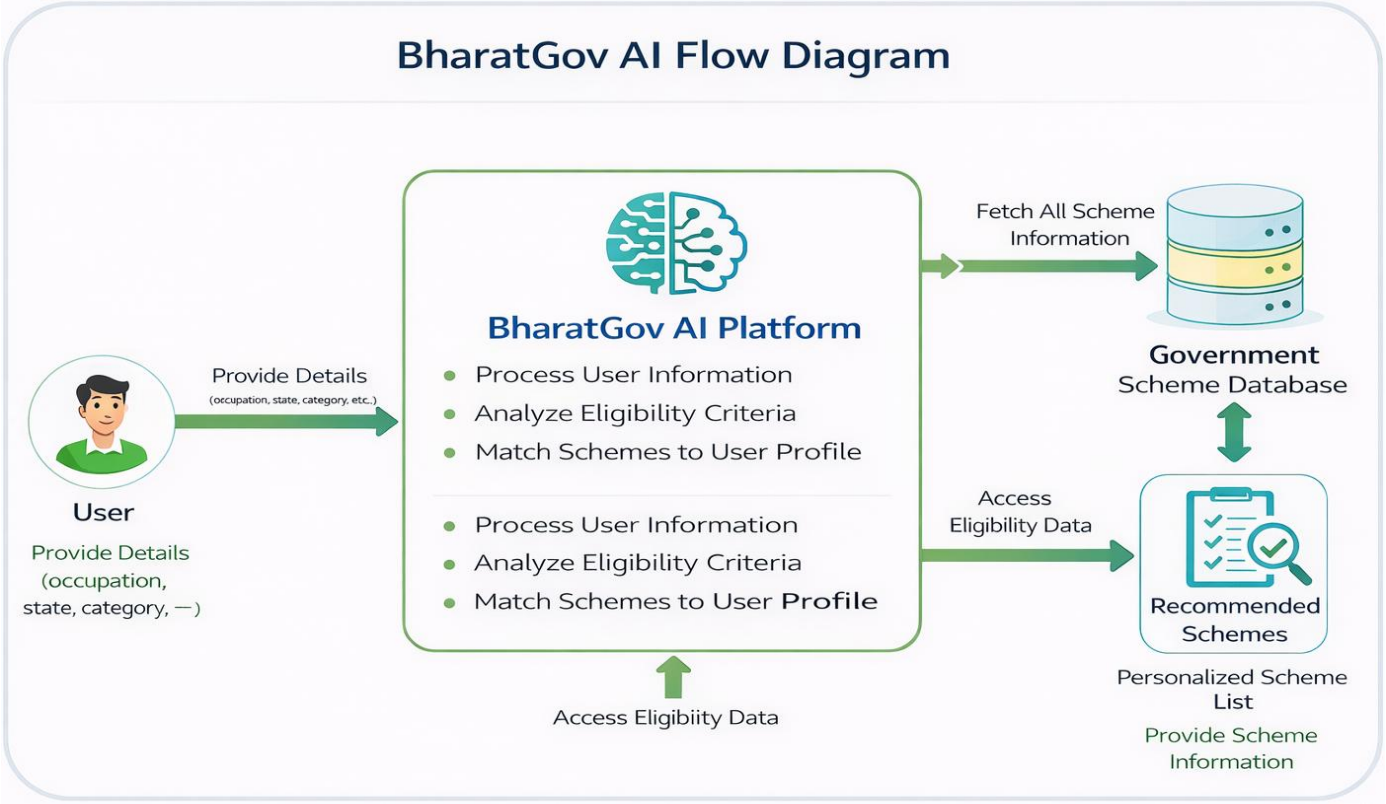
- **USP of the proposed solution**

➢ An AI-powered intelligent assistant that simplifies scheme discovery and provides personalized recommendations through a simple and user-friendly interface.

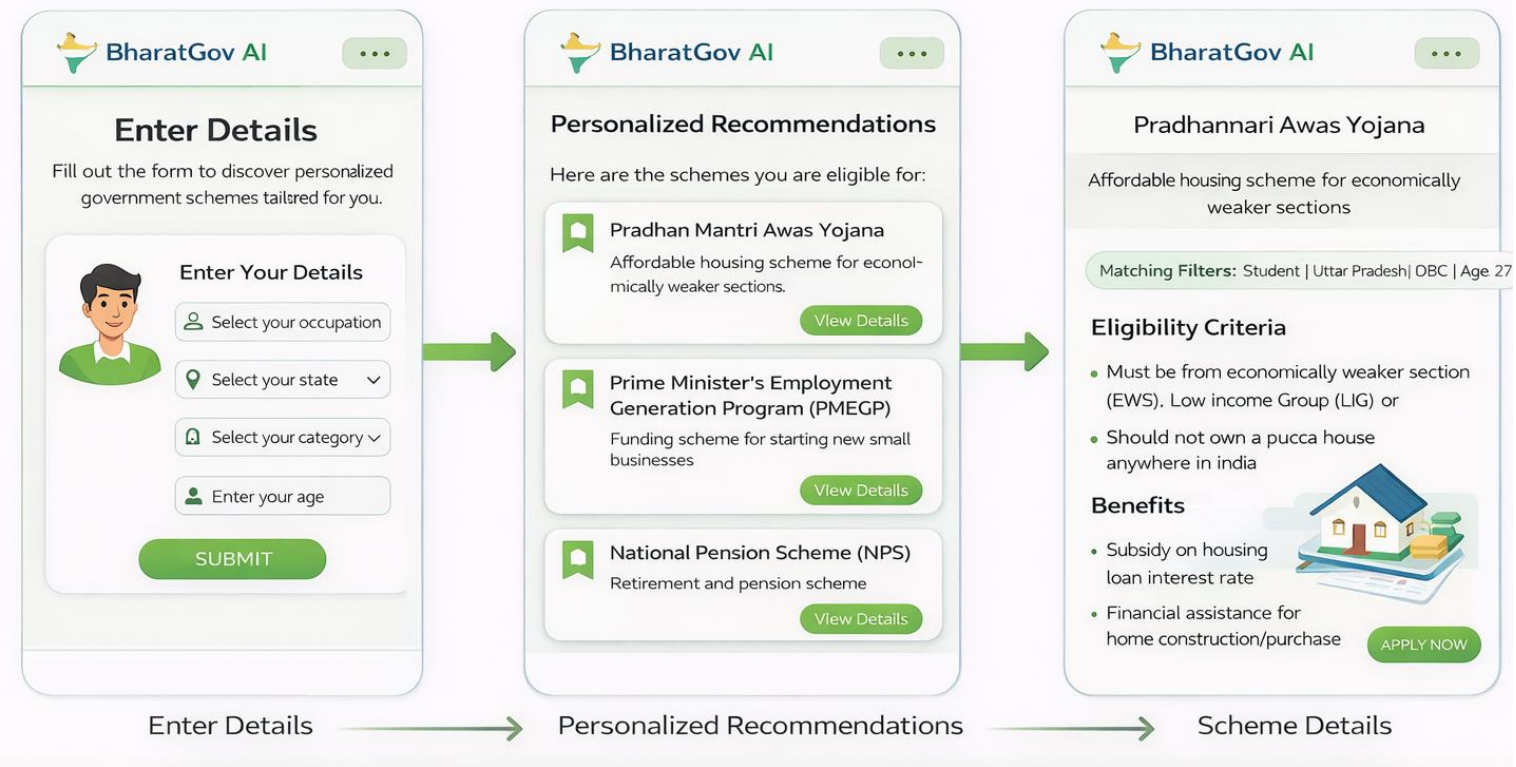
List of features offered by the solution

- Personalized government scheme recommendations based on user profile
- Intelligent eligibility analysis using Artificial Intelligence
- Simple and user-friendly interface for easy access
- Fast and accurate scheme discovery
- Centralized platform for accessing multiple government schemes
- Scalable system capable of supporting large number of users
- Future support for voice interaction and regional languages

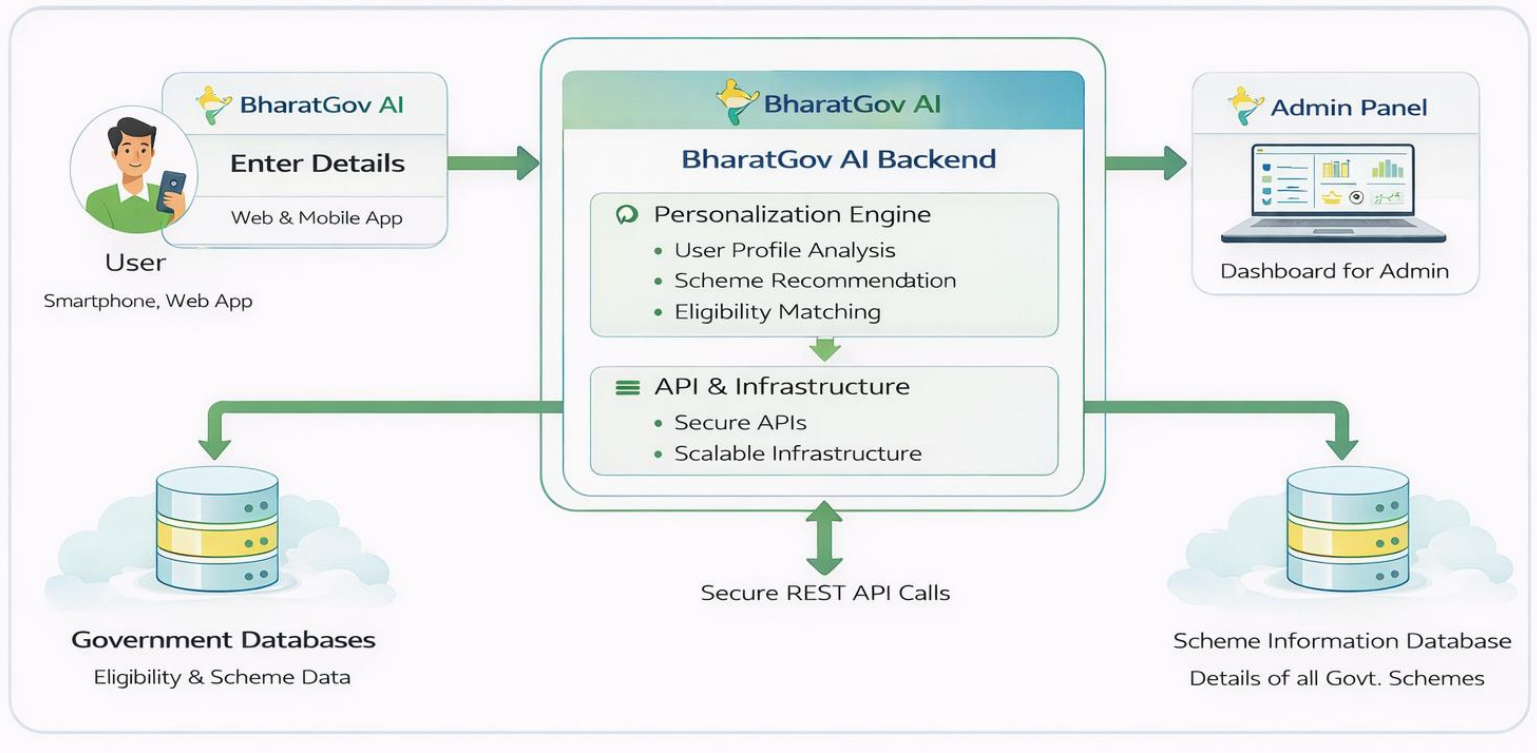
Process flow diagram or Use-case diagram



Wireframes/Mock diagrams of the proposed solution



Architecture diagram of the proposed solution:



Technologies to be used in the solution:

Category	Technologies
Frontend	Streamlit, HTML, CSS
Backend	Python, FastAPI / Flask
Artificial Intelligence	Large Language Models (LLM), Natural Language Processing (NLP), Machine Learning
Database	FAISS (Vector Database), Government Scheme Dataset
Cloud & Deployment	AWS (EC2, S3), AWS Cloud Infrastructure
APIs & Integration	REST APIs, Government Scheme APIs
Development Tools	GitHub, VS Code

Add as per the requirements for the hackathon:

- Developed for AI for Bharat Hackathon to improve accessibility of government schemes
- Uses Artificial Intelligence to provide personalized scheme recommendations
- Designed to support scalable deployment using AWS cloud infrastructure
- Focuses on solving real-world problems faced by Indian citizens
- Provides a simple, user-friendly, and accessible platform
- Can be extended to support regional languages and voice interaction
- Supports Digital India initiative by improving awareness and accessibility

Innovation partner H2S HACK2SKILL | Media partner YOURSTORY

AI for Bharat Hackathon

Powered by aws

Thank You