

CARBON COACH

Change starts with
YOU

A Presentation By:
Tech Pirates



CARBON FOOTPRINT

PROBLEM STATEMENT

Develop a solution that enables individuals to monitor and understand their carbon and oxygen emission, and provides actionable recommendations for reducing their carbon footprints and increasing their positive impact on the environment.





USE CASES

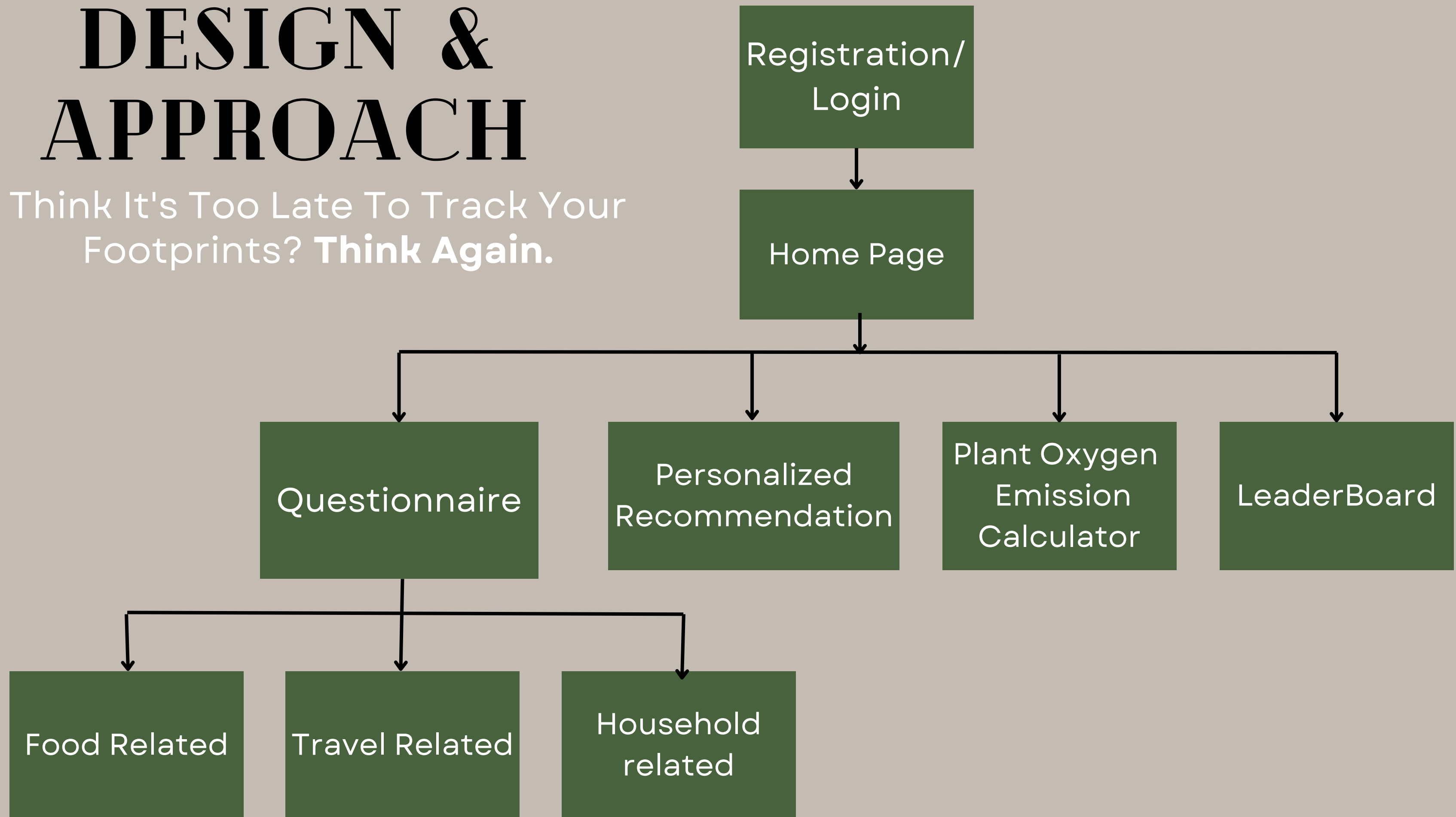


- **Track individual activity** : Gas meter reading for carbon emission
- **Track Oxygen emission via plantstion**: Capture images to track the emission of oxygen.
- **Recommendations**: Personalized recommendations
- **Data Visualization**: Visual statistics of O₂ and CO₂ emission on carbon footprint

Presenting a leaderboard and enhancing the carbon score!!

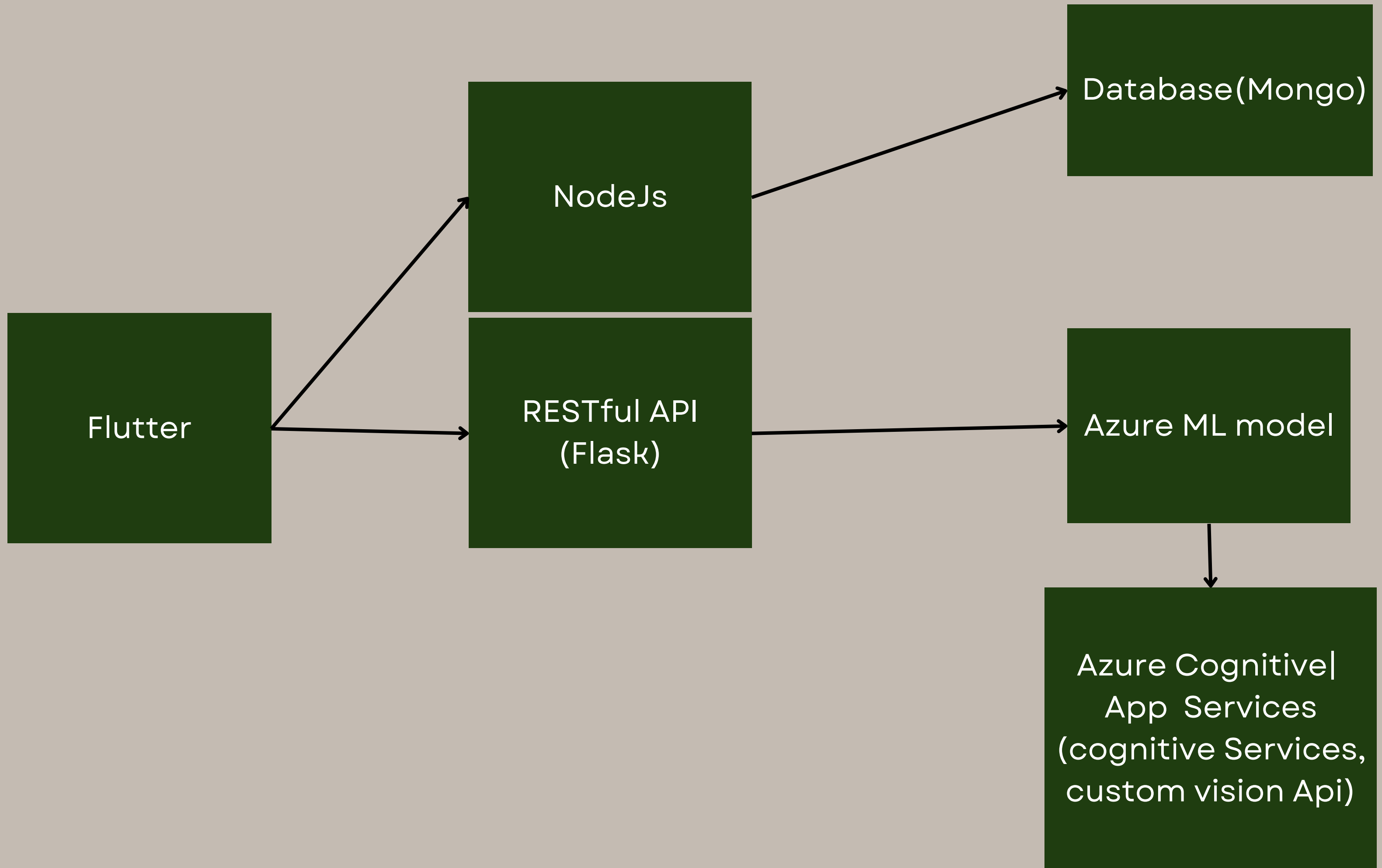
DESIGN & APPROACH

Think It's Too Late To Track Your
Footprints? **Think Again.**



TECH STACK





Future Scope

- **Community Platform**
- **GPS vehicle tracking for carbon emission**
- **Gamification**
- **Personalized Recommendation**





KEY LEARNINGS AND CHALLENGES



- Maximizing team potential through proper utilization of diverse skillsets.
- Consistency
- Open to use of new technologies
- Collaboration



The background of the slide is a close-up photograph of green leaves, likely from a plant like a grass or reed, with numerous small, clear water droplets resting on their surfaces. The lighting is soft, creating a bokeh effect in the background.

THANK YOU

References

1. <https://azure.microsoft.com/en-us/products/cognitiveservices/computer-vision>
2. <https://azure.microsoft.com/en-us/products/cognitive-services/custom-vision-service/>
3. <https://docs.flutter.dev/>