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- **Problem Statement ID** – SIH25059
- **Problem Statement Title -** Enhancing Student Awareness on difference between Aadhaar linked and Direct Beneficiary Transfer(DBT) enabled Aadhaar seeded bank account.
- **Theme -** Miscellaneous
- **PS Category -** Software
- **Team ID -** 81
- **Team Name -** Jandhan Hackers

Jandhan Hackers

Student Awareness Client – Gamified DBT Learning Platform

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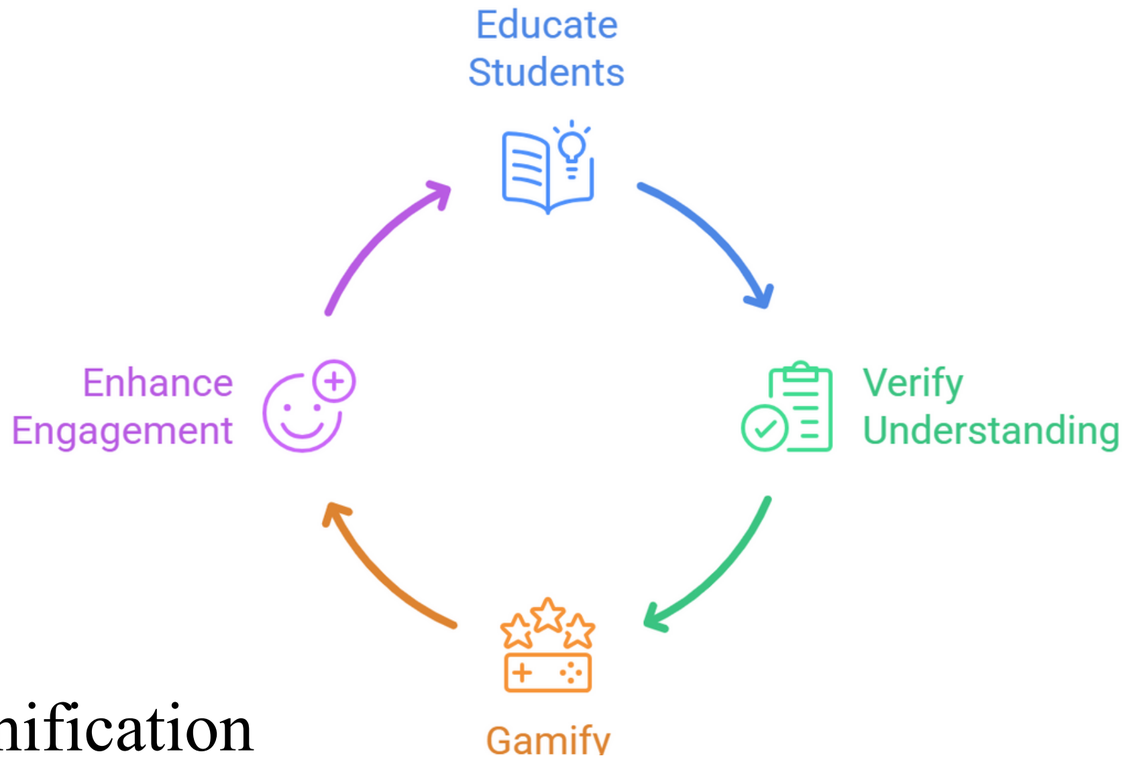
- **Web-based Awareness Platform built using modern frontend + serverless backend.**
  - Web-based awareness platform
  - Interactive infographics & guides
  - DBT Status Checker (NPCI mapper)
  - Gamified quizzes & challenges
  - Multilingual support
  - Combines education + verification + gamification



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TECHNICAL APPROACH

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- Frontend: React.js, React DOM
- Backend/DB: Supabase (realtime DB + auth)
- UI: TailwindCSS, CSS Modules
- Testing: Jest, React Testing Library
- Monitoring: Web Vitals

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FEASIBILITY AND VIABILITY

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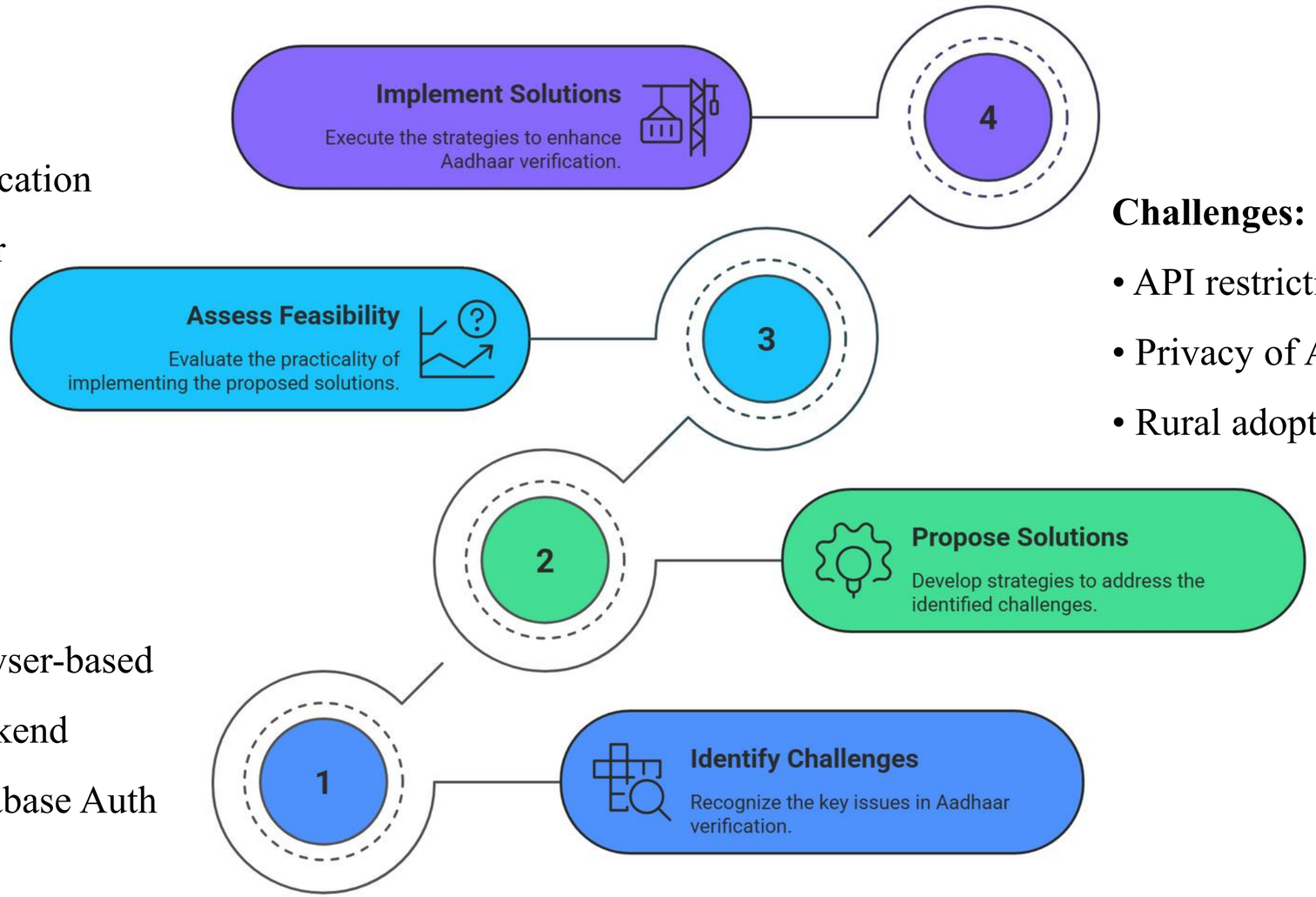
Solutions:

- Masked Aadhaar verification
- Awareness via banks or colleges
- Regional language UI

Feasibility:

- Lightweight SPA, browser-based
- Scalable Supabase backend
- Secure login with Supabase Auth



Challenges:

- API restrictions (NPCI/UIDAI)
- Privacy of Aadhaar data
- Rural adoption

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IMPACT AND BENEFITS

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1

TARGET AUDIENCE

Students

Parents

Beneficiaries

2

IMPACT

- Clarifies Aadhaar linked vs DBT-enabled
- Ensures timely benefit transfers
- Improves trust in DBT system

3

BENEFITS

- Social: Awareness spreads via students
- Economic: Reduces subsidy leakage
- Educational: Promotes financial literacy

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RESEARCH AND REFERENCES

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- UIDAI: https://uidai.gov.in
- NPCI Mapper: https://resident.uidai.gov.in/bank-mapper
- DBT Bharat: https://dbtbharat.gov.in
- RBI circulars on Aadhaar/DBT
- Tech Stack: React.js, Supabase, TailwindCSS, Web Vitals