

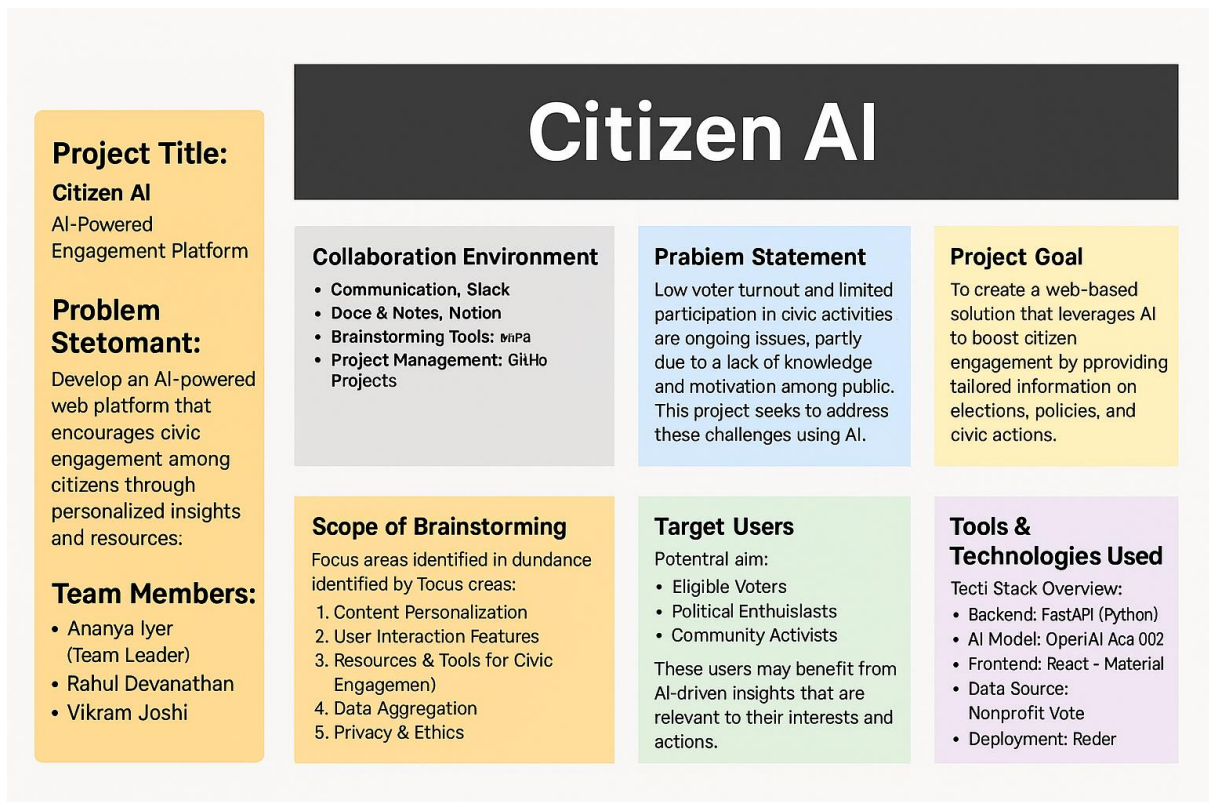
Ideation Phase

Brainstorm & Idea Prioritization Template

Date	14 JUNE 2025
Team ID	LTVIP2025TMID29997
Project Name	CITIZEN AI
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.



Problem Statement:

Citizens face delays and confusion when accessing public services due to fragmented systems, lack of guidance, and manual processes. Government employees also deal with repetitive queries and inefficient workflows. This leads to reduced citizen satisfaction and lower productivity in civic systems.

Objective of Brainstorming:

To explore how AI-powered assistants can improve citizen engagement by automating access to services like complaint registration, documentation support, civic updates, and

personalized suggestions — using lightweight, local AI models (e.g., LLaMA via llama-cpp-python).

How Might We Questions

Identify innovative ways to use AI to solve SDLC challenges

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Thippugari Rohitha

How might we auto-generate clean backend code from requirements?

How might we reduce developer time spent on writing boilerplate cd?

How might we automate the process of fixing bugs from code shippets?

How might we provide real-time debugging suggees-tions using AI

How might we simplify the develo-per workflow using a unified tool?

How might we improve consistent documentation across releases?

M Srinivasa Kalyan

How might we genera-te test cases directly from source code?

How might we ensure edge cases are cover-ed through AI-gene-rated tests?

How might we reduce test coverase gaps in rapialy developed code?

How might we valida-te AI-generate code is production-ready?

How might we provide confidence to develo-pers through test automation

How might we com-pare lest output before and after bug fixes?

Maddi Varshitha Reddy

How might we streamline the entire SDLC process using AI

How might we reduce missorg time through autu-mation?

How might we enure traceabiittcy from requirements to code to tests?

How might we teasure consistent documentation across releases?

Devalla Satwik

How might we convert natural language input into technical specs?

How might we identify missing requirements automatically?

How might we auto-generate user stories and use case flows?

How might we simplify requirement analysis for non-tech users?

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Must have

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Should have

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- Multiple developers sereen it flarily collaborative.

Could have