

[PROJECT TITLE]

Presidential AI Challenge - Track [I/II/III] Submission

Category: [High School Youth / Middle School Youth / Elementary / Educator]

Submission Date: 2026-01-21

Team Name	[TEAM NAME]
Team Members (1-4 youth / or educators)	[NAME 2], [NAME 3], [NAME 4]
Supervising Adult / Lead Educator	[NAME, ROLE, EMAIL]
School / Organization	[SCHOOL / PROGRAM]
City, State	[CITY], [STATE]
Project Track	[Track II - Technical/Implementation (recommended if you have a working solution)]
Primary Links	GitHub: [URL] Video Demo (<= 4 min): [URL] Live Demo (optional): [URL]

Submission Checklist (keep this page short in final)

- 1) Single PDF includes narrative and all links to supplemental media.
- 2) Narrative is team-authored and at least 500 words.
- 3) Font size is 12pt or larger.
- 4) Total length <= 10 pages; file size <= 50 MB.
- 5) Includes Certification of Originality and full citations for tools and sources.

1. Executive Summary (for a non-technical reader)

In 6-10 sentences, explain: the community problem, who is affected, what you built/proposed, what AI does in your solution, and the expected impact. Avoid jargon.

Problem: [1-2 sentences]

Solution: [2-3 sentences]

AI Component: [1-2 sentences]

Impact: [1-2 sentences]

2. Community Problem and Stakeholders

Describe the local/community challenge you are addressing and why it matters.

Who is affected? [students, families, local agencies, etc.]

Current workflow and pain points: [what happens today, why it is not sufficient]

Success criteria: [what changes if the solution works]

3. Solution Overview and How AI Is Used

Explain the end-to-end user workflow and where AI is used. If multiple components exist, describe each at a high level.

User workflow: [Step 1 -> Step 2 -> Step 3 ...]

AI role: [classification, summarization, recommendation, vision, forecasting, etc.]

Why AI is necessary: [what non-AI approach cannot do, or would do worse]

4. Technical Architecture (concise)

Provide a clear description of the architecture. Include: frontend, backend, model/tooling, data storage, and any APIs. Add a simple diagram screenshot in the final version if available.

Component	What it does	Tech / Libraries
UI / Client	[...]	[...]
Backend / Orchestrator	[...]	[...]
AI Layer	[model/tool], [prompting], [guardrails]	[...]
Data Storage	[files/SQLite/etc.]	[...]
Integrations	[GitHub, YouTube, Outlook, etc.]	[...]

5. Data, Training (if any), and Validation

List datasets and sources. Explain how you tested accuracy, reliability, or user outcomes. If you used a hosted model or API, describe how you validated outputs (spot checks, test sets, rubric, etc.).

Data sources: [name, owner, link, how used]

Data handling: [privacy, storage, retention, permissions]

Testing/validation: [metrics, sample size, results, known failure cases]

Responsible use: [bias checks, human review, safety constraints]

6. Process, Iteration, and Obstacles

Describe how you developed the project: planning, prototypes, what changed, setbacks, and fixes. Judges look for an authentic development process.

Timeline highlights: [dates or phases]

Key obstacles: [technical, data, UX, time]

What you changed after testing: [concrete adjustments]

7. Impact, Deployment, and Next Steps

Explain current status (prototype vs deployed), who can use it today, and what you would do next. Keep next steps realistic.

Current status: [working demo, pilot, users]

Community impact: [who benefits, what improves]

Next steps: [features, partnerships, scaling]

8. Required Links (no passwords)

Provide direct links that judges can open without requesting access.

GitHub repository: [URL]

Video demo (<= 4 minutes): [URL]

Optional: live demo / documentation site: [URL]

9. Tools, Sources, and Credits

Cite AI tools, libraries, datasets, and primary sources used for both building the project and writing this narrative. Use a consistent format (APA, MLA, or simple numbered references).

AI tools: [tool name, version/model, what you used it for]

Libraries/Platforms: [Python packages, JS libs, hosting, etc.]

Primary sources: [datasets, papers, government sites, etc.]

10. Certification of Originality

We certify that: 1) This project submission is original content created specifically for the Presidential AI Challenge. 2) All AI tools or technologies used are identified and credited. 3) All research and artifacts (e.g., maps, photos, datasets, media) are identified and credited. Signatures (type names): Team Member(s): [NAME(S)] Supervising Adult / Lead Educator: [NAME] Date: [YYYY-MM-DD]