TenantAid App — 14-Day Build Plan

Overview:
Goal: Build a working MVP of TenantAid — an AI-powered NYC housing-help app — in 14 days.
Team: Ammaar (Lead/Full Stack), David (Backend/Data), Ethan (UI/Front End), Nikhil (Technical Support + Integrations).

DAY 1: Project Kickoff + Scope Finalization
Ammaar – Lead kickoff, define features, choose stack (Python backend, React frontend).
David – Gather NYC tenant rights data, set up GitHub repo.
Ethan – Create wireframes and color palette.
Nikhil – Research AI legal disclaimer and collect common tenant questions.

DAY 2: Architecture + Backend Setup
Ammaar – Setup project folders (/frontend, /backend, /data).
David – Create Flask/FastAPI backend with endpoints.
Ethan – Build static homepage + chatbot layout.
Nikhil – Gather and summarize rights content for resources.

DAY 3: AI Chatbot Prototype + UI Integration
Ammaar – Connect chatbot frontend to backend endpoint.
David – Refine prompt engineering and test GPT responses.
Ethan – Improve chatbot UI.
Nikhil – Add static content pages and categories.

DAY 4: Testing + Iteration
Ammaar – Deploy first prototype and host QA session.
David – Improve backend reliability.
Ethan – Polish layout and icons.
Nikhil – Prepare content and collect data sources.

DAY 5: Finish Chatbot MVP + Add Context Awareness
Ammaar – Add local NYC law context file.
David – Write Python keyword-matching logic.
Ethan – Add typing indicators and clean chat UI.
Nikhil – Implement keyword-matching helper script and test chatbot.

DAY 6: Build "Resources" and "Know Your Rights" Pages
Ammaar – Create backend route for /resources.
David – Populate database with real resources.
Ethan – Build collapsible rights sections and search bar.
Nikhil – Code search filter and test data connection.

DAY 7: Basic UI Polish + Accessibility
Ammaar – Add navigation bar and organize routes.
David – Write frontend API wrapper.
Ethan – Finalize layout and mobile optimization.
Nikhil – Add input validation and mobile testing.

DAY 8: Disclaimers + Transparency
Ammaar – Add legal disclaimer banner.

David – Attach disclaimers to backend responses.
Ethan – Style popup and add verification icons.
Nikhil – Test accessibility and disclaimer logic.

DAY 9: Testing + Bug Fixing
Ammaar – Create bug sheet and assign fixes.
David – Test edge cases and optimize backend.
Ethan – Polish layout and fix spacing.
Nikhil – Write test cases and fix minor UI bugs.

DAY 10: Add "Ask for Help" Form
Ammaar – Create backend /help endpoint.
David – Validate form data.
Ethan – Design and implement form page.
Nikhil – Connect frontend to backend and add confirmation message.

DAY 11: Branding + Presentation Prep
Ammaar – Draft demo script and record test walkthrough.
David – Explain technical components.
Ethan – Design logo and color theme.
Nikhil – Write captions and test full app.

DAY 12: Final Polish + Documentation
Ammaar – Final backend deployment.
David – Add comments and export data.
Ethan – Final design cleanup.
Nikhil – Write technical documentation and test accessibility.

DAY 13: Dry Run + Rehearsal
Team – Perform 5-minute demo run-through with each member speaking.
Fix any blocking issues.

DAY 14: Submission Day
Ammaar – Submit app + video.
David – Upload to GitHub with license.
Ethan – Add screenshots and video link.
Nikhil – Verify all submission requirements.

End Result: A working AI-driven NYC tenant rights app with clear civic purpose, strong UI, and verifiable data integrity — ready for Congressional App Challenge submission.