

Earnings Radar – Hackathon Project Checklist

1. Planning (1–2 hrs)

- ☐ Define scope: MVP = fetch tomorrow's earnings tickers + summarize news + generate report + translation.
- ☐ Decide on form: Chrome extension (popup/sidebar) vs simple web app.
- ☐ Assign roles (if team): frontend, AI logic, API integration, pitch deck.

2. Setup (2–3 hrs)

- ☐ Set up repo (GitHub/GitLab).
- ☐ Initialize Chrome Extension (Manifest V3) or Next.js web app.
- ☐ Install dependencies (React, Tailwind, Axios/fetch).
- ☐ Connect to free finance API (Yahoo Finance, Finnhub, Alpha Vantage).

3. Core Features (6–10 hrs)

Data Layer

- ☐ Fetch list of companies reporting earnings tomorrow.
- ☐ For each ticker, fetch the latest 3–5 news headlines.

AI Layer

- ☐ Use Summarizer API → condense news into bullet points.
- ☐ Use Prompt API → generate risks & opportunities.
- ☐ Use Translator API → toggle report between English & French.

UI Layer

- ☐ Display tickers list in extension popup/dashboard.
- ☐ Show report with sections: Summary — Risks — Opportunities — Sentiment.
- ☐ Add toggle: English French.
- ☐ Add a quick “copy/export” button.

4. Polish & Demo Prep (4–6 hrs)

- ☐ Style UI (Tailwind: clean cards, 2-column layout).
- ☐ Test bilingual toggle.
- ☐ Handle errors (no news, API fail → fallback message).
- ☐ Write sample reports (AAPL, MSFT, TSLA).
- ☐ Record short demo video (screen recording of workflow).
- ☐ Prepare final pitch (200-char summary + 1-min spoken pitch).

5. Stretch Goals (if time)

- ☐ Market sentiment gauge (bullish/bearish).
- ☐ Export to PDF/Notion/Google Docs.
- ☐ Save favourite tickers.
- ☐ User login (Google/Firebase).