**JobQuest Navigator-** **Weekly Update Report**

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Course Code: CAA900

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# Overview of the Week

* Finalized the application concept: "JobQuest Navigator".
* Identified six core features to differentiate from existing tools.
* Completed tool setup: Jira (project board), Notion (idea board), and GitHub (repo).\
* Split the team into roles for frontend, backend, cloud, and AI tasks.

# Application Concept

JobQuest Navigator is a cloud-based career assistant that helps users visually explore local job opportunities, match and version their resumes, identify skill gaps, and prepare for interviews using AI insights.

# Feasibility Check

* Market Research: Compared with Teal, Careerflow, Jobscan, and Copilot.
* Technical Exploration:
  + Google Maps API integration is feasible
  + Resume alteration via GPT is functional with OpenAI
  + Certification demand can be inferred from Indeed job listings

# Key Learnings & Insights

* GPT is highly capable of summarizing JDs, extracting keywords, and tailoring resumes.
* The resume feedback loop feature will make our tool unique.
* Google for Jobs API is limited — alternate job APIs (Adzuna, RapidAPI) are being evaluated.

# Challenges Faced

* Job source API access is limited (Google Jobs not open)
* Difficulty in accessing live job market data for real-time certification suggestions

How We Addressed It:

* Decided to use job board APIs that provide structured job data (Adzuna/LinkedIn scraping)
* Will build an internal mock dataset initially to prototype quickly

# Refinements or Changes

* Reduced initial scope of resume collaboration to suggestion + version history (real-time editing pushed to later phase)
* Moved email-tracking feature to future scope due to Gmail OAuth complexity