

Xóchitl Analí Cabañas Mota

NAO ID: 3319

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In-Mexico Program Backend
Developer Certification

Server and Database Commands:
Backlog

Table 1

User Story	Requirements
1. As a project leader (Renata), I want a prioritized list of project requirements, so that I can ensure tasks are completed in the correct order and within deadlines.	Write at least five user stories, build the requirements and prioritized tables, and validate that each requirement fits into a sprint.
2. As a programmer (Elizabeth), I want a roadmap that outlines the project timeline and deliverables, so that I can plan my development tasks and meet sprint deadlines.	Define objectives, outline deliverables with deadlines, design the roadmap visually, and export it as a PDF.
3. As a project leader (Renata), I want to understand the capabilities of the Google Scholar API, so that I can ensure it meets the needs of our research data integration project.	Review its official documentation, identify available data, note limitations, and create a short technical report in PDF.
4. As a database manager (Sandra), I want a GitHub repository set up to manage project versions, so that the team can collaborate and track progress effectively.	Create a GitHub repository, set up branches, add a README, and provide the repository link in PDF.
5. As a programmer (Elizabeth), I want to map the JSON structure of Google Scholar API responses, so that I can design a data model for efficient integration with our database.	Map the JSON structure, the requirements are to run sample API requests, review real JSON responses, document the fields, and define how they will be mapped to the database.

Table 2

Requirements	Stages	Time estimation	Deliverables
Write at least five user stories, build the requirements and prioritized tables, and validate that each requirement fits into a sprint.	1		
Define objectives, outline deliverables with deadlines, design the roadmap visually, and export it as a PDF.	1		
Review its official documentation, identify available data, note limitations, and create a short technical report in PDF.	1		
Create a GitHub repository, set up branches, add a README, and provide the repository link in PDF.	1		
Map the JSON structure, the requirements are to run sample API requests, review real JSON responses, document the fields, and define how they will be mapped to the database.	2-3		