User Stories:

Users :

- As a user, I want to create an account so my requests and history can be saved.

- As a user, I want to log in and log out so my data stays private.

- As a user, I want to send a request through the web interface so the notebook can process it for me.

- As a user, I want to see the status of my request (queued, running, finished, or error) so I know what is happening.

- As a user, I want to view the generated results so I can use them later.

- As a user, I want to access my previous sessions so I can continue or use them.

- As a user, I want to try basic features without signing up so I can understand what the system does.

Admin / DevOps :

- **As an admin, I want to configure and change ngrok tokens so the connection stays secure and well connected.**

- **As an admin, I want to view system logs so I can troubleshoot issues.**

- **As an admin, I want to see usage metrics so I can understand system performance.**

System / Integration :

- **As the system, I want to verify all incoming requests using a Bearer token so only allowed calls reach the notebook API.**

- **As the system, I want to return structured responses with status and output links so Django can display the results properly.**

- **As the system, I want to handle Colab runtime restarts or errors safely and send clear messages back to Django.**

Repository & Documentation :

- **As a developer, I want clear documentation and a project proposal in the repository so others can understand the project easily.**

- **As a developer, I want deployment instructions for ngrok, environment variables, and integration steps so the whole system can be reproduced without issues.**