

Project Status Report #2

Project Name: Python code analyzer

Reporting Period: 20 Oct – 20 Nov , 2025

Submitted By: Eman Alnajem / project manager

Team Members: Zahra Bader Hayyan 2240006156

Hadeel abdullah alqhtani 2240003327

Noor Almuhsen 2240003505

Yomna Al moslem 2240003445

Alzahraa alabbad 2240006089

Eman Alnajem 2240002468

Wedad Mohammed AL-hussaini 2240002853

Section A: Project Development Status

1. Summary of Progress

During this period, the team completed defining the system purpose, scope, product functions, and detailed requirements. User roles and operating environment were identified, and UI descriptions with mockups were finalized. All requirements were reviewed, analyzed, and validated with the supervisor. Development has started, including building the main code-reading module, creating the upload page, and beginning frontend–backend integration. Work is also underway on formatting the error report and testing the tool using small Python files.




2. Tasks Completed

Task	Assigned To	Date Completed	Status
Identified system users, user needs, and clarified project scope	project manager	22 Oct	<input checked="" type="checkbox"/> Done
Prepared system constraints, functional requirements, operating environment, and software interfaces	Backend Developer	24 Oct	<input checked="" type="checkbox"/> Done
Documented system overview, product perspective, and user classes	Documentation Team	24 Oct	<input checked="" type="checkbox"/> Done
Developed use-case scenarios and verified flows for correctness	Testers	27 Oct	<input checked="" type="checkbox"/> Done
Documented design constraints, assumptions, and dependencies	Backend Developer	28 Oct	<input checked="" type="checkbox"/> Done
Designed user interface mockups and contributed UI-related requirement details	UI/UX Designer	31 Oct	<input checked="" type="checkbox"/> Done
Specified user interface requirements (upload page, results page)	UI/UX Designer	32 Oct	<input checked="" type="checkbox"/> Done
Gathered all project requirements from the team and clarified system expectations	Documentation team + project manager	3 Nov	<input checked="" type="checkbox"/> Done
Analyzed collected requirements to define detailed system behavior	Documentation Team + Backend Developer	5 Nov	<input checked="" type="checkbox"/> Done
Validated requirements through team discussion and supervisor alignment	Entire team	8 Nov	<input checked="" type="checkbox"/> Done
Coordinated SDD planning, task distribution, and review schedule	Project Manager	10 Nov	<input checked="" type="checkbox"/> Done

Task	Assigned To	Date Completed	Status
Created user interface layout sketches and contributed to sequence diagrams	UI/UX Designer	12 Nov	✓ Done
Documented frontend module design , and Developed sequence diagrams for frontend logic and user flows	Frontend Developer	13 Nov	✓ Done
Designed backend architecture, Created class diagrams and detailed backend component descriptions	Backend Developers	15 Nov	✓ Done
Validated design consistency, checked completeness, and reviewed diagrams	Tester	17 Nov	✓ Done
Managed version control of design artifacts, organized design files, and maintained configuration baselines	Config manager	19 Nov	✓ Done
Reviewed and integrated all module design inputs to ensure consistency across the system architecture	Documentation Team	20 Nov	✓ Done

3. Tasks In Progress

Task	Assigned To	Expected Completion	Status
Working on the main code that reads the Python file	Backend Team	25 Nov	🔄 In Progress
Creating the upload file page	Frontend Team	25 Nov	🔄 In Progress

Task	Assigned To	Expected Completion	Status
Connecting the interface with the code	Backend Team& Frontend Team	26 Nov	 In Progress
Setting the error report format	Documentation Manager	28 Nov	 In Progress
Testing the tool with small Python files	Whole Team	29 Nov	 In Progress

4. Upcoming Tasks

Task	Assigned To	Start Date	Notes
Prepare detailed test plan, including test cases, expected outputs, and test data.	Testing Team	2 Dec	Planning for the testing stage.
Set up the testing environment and gather sample Python files.	Testing Team	2 Dec	Getting ready for testing.
Execute functional testing for all analyzer features.	Testing Team	2-3 Dec	Checking that everything works correctly
Perform error-handling tests using invalid or tricky input files.	Testing Team	2-3 Dec	Ensuring the system handles mistakes properly.
Document test results, identify bugs, and categorize issues.	Testing Team	3-4 Dec	Recording findings from tests.
Fix reported bugs and re-test updated parts of the system.	Backend Developers	3-4 Dec	Making improvements after testing.
Finalize project documentation	Reports writer	14 Dec	Preparing the final documents.

Task	Assigned To	Start Date	Notes
Prepare the final system build and make sure everything runs smoothly.	Backend Developers	14-17 Dec	Getting the system ready for delivery.
Prepare final presentation slides and organize the demo.	Whole Team	14-17 Dec	Working on the presentation.
Practice the final demo and make sure everyone knows their part.	Whole Team	16-17 Dec	Rehearsing before the final submission.

⚠ 5. Issues / Blockers

Issue	Impact	Owner	Resolution Plan
Changing requirements	Slows requirements finalization	Documentation team and backend team	Schedule alignment meetings with the supervisor and freeze requirements
Misunderstanding of user roles	Causes incorrect use-case definitions.	Entire team	Re-clarify user classes and update documentation accordingly
Delayed stakeholder feedback on UI	Blocks UI finalization	UI/UX Designer	Follow up with stakeholders & finalize the feedback timeline
Inconsistencies in gathered requirements	Leads to rewriting of parts of SRS	Documentation Team	Re-review all requirements and ensure consistency across all sections

💬 6. Notes / Comments

The team has been using WhatsApp and GitHub to communicate efficiently, everyone is aware of the tasks they have been given and their responsibilities. The frontend, backend, and documentation teams have been working well together, and the workflow has been smooth.

The team is progressing steadily and maintaining good coordination, but some tasks such as the requirement analysis and UI design are still ongoing. If needed, we may ask for quick instructor feedback to ensure our design decisions meet expectations.

Overall, the team is motivated, communication remains strong, and there are currently no major issues regarding the team's health or progress.

Section B: Evaluation

To be completed by the instructor or supervisor.

4. Status Reports (9 points each / 1.5 mark each) – Weeks 9 & 13

Criteria	Excellent (5–4)	Good (4–3)	Fair (3–2)	Poor (1–0)	Awarded Score
Progress Reporting	Clear progress vs. plan, measurable updates.	Reasonable but some gaps.	Limited/vague updates.	No progress shown.	/4
Team Contributions	Roles/contributions transparent.	Partial info.	Minimal detail.	Absent.	/5

Note: Students without documented tasks in this report will not receive equal marks.