

About Final Project

This Final Project is highly recommended for learners who will be practitioners and are pursuing the [IBM DevOps & Software Engineering Professional Certificate](#).

In this project, you will create an Agile plan with Kanban board. You will write user stories, build and refine the product backlog, build a sprint plan, move stories on the kanban board, set up a burndown chart, and get ready for the next sprint.

Evaluation Criteria – 20 Points

You can submit your project deliverables in one of the following ways:

Option 1: AI-Graded Submission and Evaluation

When you choose Option 1, you will be redirected to an AI tool where you can upload your deliverables, which may include URLs, terminal outputs, code snippets, or screenshots. You will then receive an AI-generated grade that will automatically reflect on your Coursera progress page.

Option 2: Peer-Graded Submission and Evaluation

When you choose Option 2, you will upload your deliverables—such as URLs, terminal outputs, code snippets, or screenshots—through the My Submission section. Your submission will then be reviewed either by your peers or by Coursera's AI grader.

We recommend using Option 1 for faster grading. However, if you face any issues or cannot access it, you may use Option 2 instead.

If you encounter any grading problems, please reach out to the Course Team through the Discussion Forums.

Please find the details of the Grading Criteria below:

▼ Criteria for Option 1: AI-Graded Submission and Evaluation:

Your final grade will be based on the following tasks, with a total of 20 points possible:

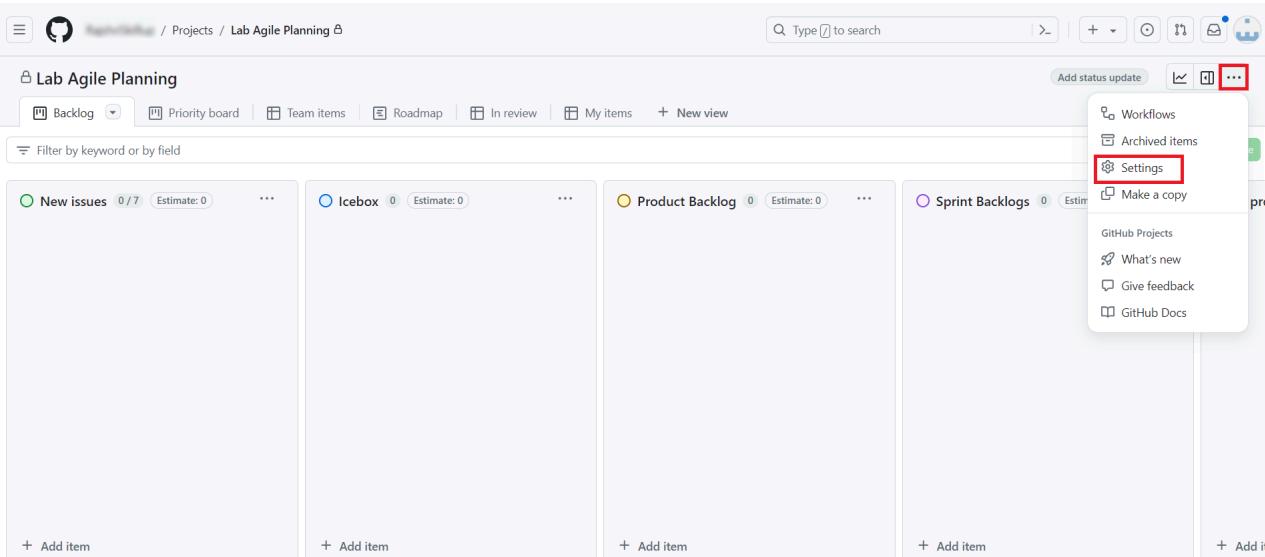
- **Task 1 (1 pt):** Submit a screenshot named **01-kanban-board.jpeg** or **01-kanban-board.png** of the final project Kanban board.
- **Task 2 (2 pts):** Submit a screenshot named **02-product-backlog.jpeg** or **02-product-backlog.png** showing that labels have been added to all stories across the Product Backlog, Sprint Backlog, In Progress, Review/QA, and Done columns.
- **Task 2 (5 pts):** Submit the public GitHub repository URL of your user-story.md file located in the .github/ISSUE_TEMPLATE folder.
 - A GitHub repository URL in the repository and includes user-story.md file. – (1 pt)
 - Acceptance criteria are written in the user-story file using "As a... I need... So that..." syntax. – (2 pts)
- **Task 4 (2 pts):** Submit a screenshot named **04-labeled-technical-debt.jpeg** or **04-labeled-technical-debt.png** showing that stories for requirements 9 and 10 are labeled as Technical Debt.
- **Task 5 (2 pts):** Submit a screenshot named **05-sprint-created.jpeg** or **05-sprint-created.png** showing that a Sprint or Milestone is created with a title.
- **Task 6 (2 pts):** Submit a screenshot named **06-estimate-assigned.jpeg** or **06-estimate-assigned.png** showing that you assigned estimates to all the stories across the "In Progress" and "Done" columns.
- **Task 7 (2 pts):** Submit a screenshot named **07-assigned-yourself.jpeg** or **07-assigned-yourself.png** showing that all the stories are assigned to yourself.
- **Task 8 (2 pts):** Submit a screenshot named **08-sprint-assigned.jpeg** or **08-sprint-assigned.png** showing that a Sprint or Milestone has been assigned to all the stories across the "In Progress" and "Done".
- **Task 9 (2 pts):** Submit the screenshot named **09-burndown-chart.jpeg** or **09-burndown-chart.png** of the Burndown chart for the Sprint or Milestone.

▼ Criteria for Option 2: Peer-Graded Submission and Evaluation:

- **Task 1 (1 pt):** Submit the URL for your final project Kanban board.
- **Task 2 (1 pt):** Put a GitHub repository URL in the repository.
- **Task 3 (2 pts):** Follow the story template—"As a... I need... So that...".
- **Task 4 (2 pts):** Add acceptance criteria using the Gherkin "Given... When... Then..." syntax.
- **Task 5 (2 pts):** Add labels to all stories, starting with the Product Backlog.
- **Task 6 (2 pts):** Assign estimates to all stories, starting with the Sprint Backlog.
- **Task 7 (2 pts):** Create a Sprint or Milestone with a title.
- **Task 8 (2 pts):** Assign the Sprint or Milestone to all stories in the Sprint Backlog.
- **Task 9 (2 pts):** Assign all stories to yourself and move them to **In Progress**.
- **Task 10 (2 pts):** Create a **Burndown chart** for the Sprint or Milestone.
- **Task 11 (2 pts):** Label stories for requirements 9 and 10 as **Technical Debt**.

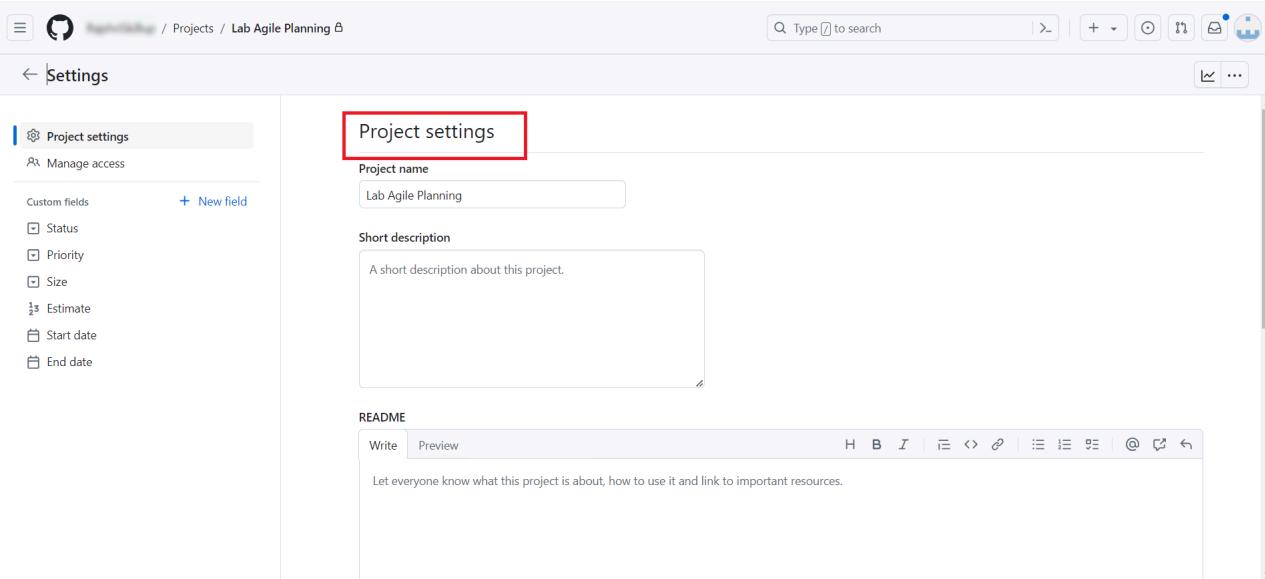
Sharing your kanban board project for peer review

1. Click on the three dots at the top right corner of the Kanban board and select **Settings** from the dropdown menu.



The screenshot shows the 'Lab Agile Planning' project settings menu. At the top right, there is a dropdown menu with several options: 'Workflows', 'Archived items', 'Settings' (which is highlighted with a red box), 'Make a copy', 'GitHub Projects', 'What's new', 'Give feedback', and 'GitHub Docs'. Below the dropdown, there are four main sections: 'New issues', 'Icebox', 'Product Backlog', and 'Sprint Backlogs', each with an 'Add item' button.

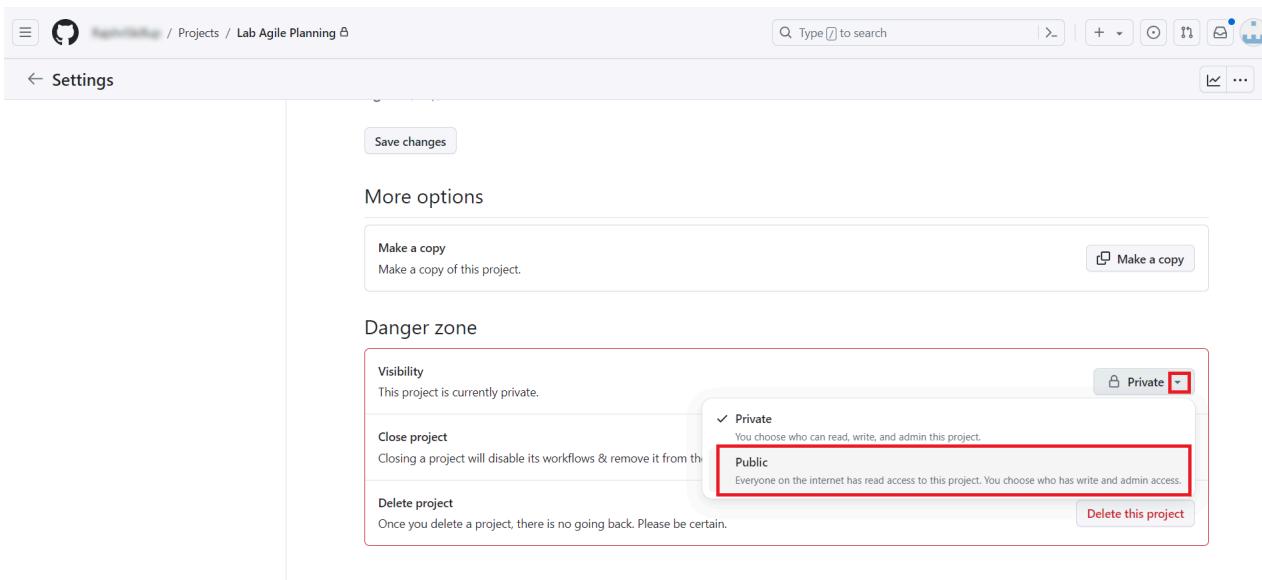
2. You will be directed to the **Project Settings** page, as shown below.



The screenshot shows the 'Project settings' page. On the left, there is a sidebar with 'Project settings' selected and 'Manage access' listed. Under 'Project settings', there are sections for 'Custom fields', 'Status', 'Priority', 'Size', 'Estimate', 'Start date', and 'End date'. The 'Project name' field is set to 'Lab Agile Planning'. The 'Short description' field contains 'A short description about this project.' At the bottom, there is a 'README' section with a rich text editor interface and a preview area.

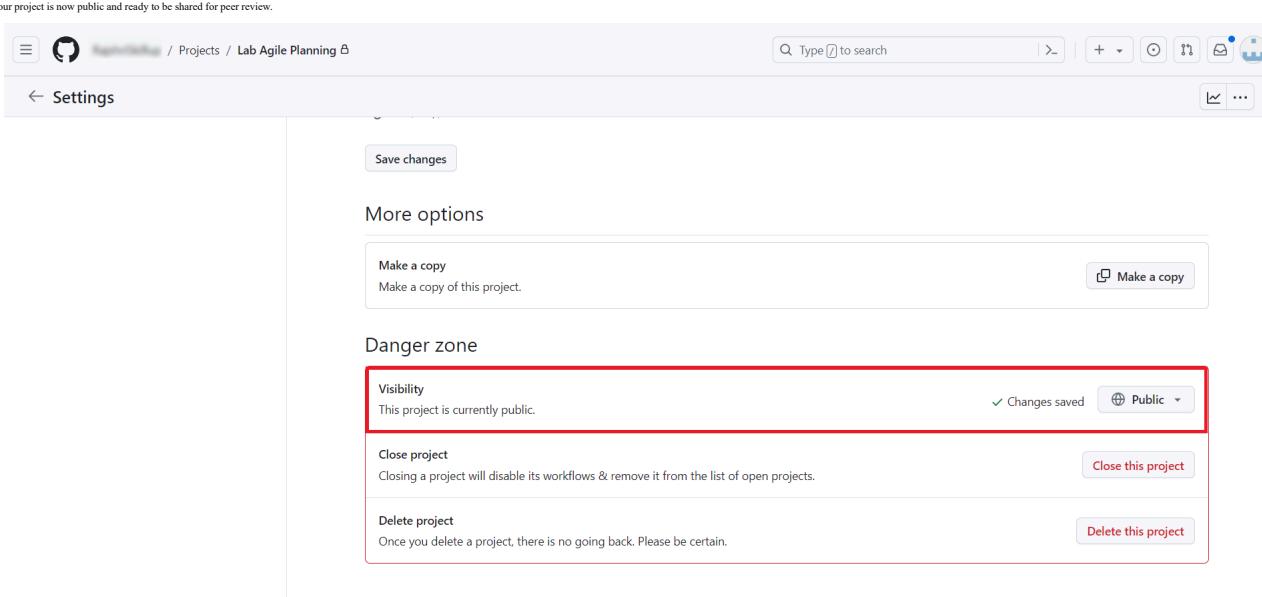
3. Scroll down to the **Danger Zone**, click the dropdown next to the **Visibility** option, and select **Public**.

4. Your project is now public and ready to be shared for peer review.



The screenshot shows the 'Settings' page for a project titled 'Lab Agile Planning'. At the top right, there is a search bar with placeholder text 'Type ⌘ to search' and several icons. Below the search bar, there is a 'Save changes' button. Under the heading 'More options', there is a 'Make a copy' section with a 'Make a copy' button. In the 'Danger zone', there is a 'Visibility' section where 'Private' is selected (indicated by a checked checkbox) and 'Public' is also listed. A red box highlights the 'Public' section, which states 'Everyone on the internet has read access to this project. You choose who has write and admin access.' Below the visibility section, there are 'Close project' and 'Delete project' options, each with a corresponding button.

5. You can now return to the Kanban board and copy the URL from the address bar to share it for peer review.



The screenshot shows the 'Settings' page for the same project. The interface is identical to the previous screenshot, but the 'Public' visibility option is now selected (indicated by a checked checkbox) and highlighted with a red box. A green checkmark icon and the text 'Changes saved' are visible next to the visibility dropdown. The other sections ('Close project' and 'Delete project') remain unchanged.

Author(s)

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Skills Network