

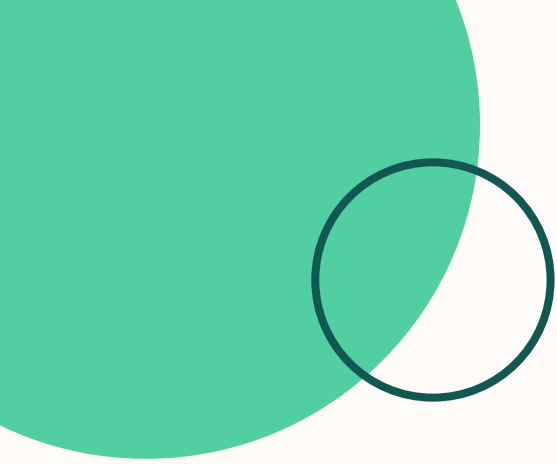
Job Connector Fullstack Web Development

Technical Meeting Final Project Bootcamp

Topics

- Final Project Bootcamp Overview
- Mentoring Sessions
- Final Project Rehearsal
- Final Project Presentations
- Final Project Scoring Form
- Final Project Specification





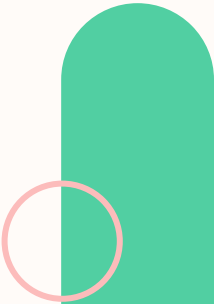
On Campus

Final Project Bootcamp Overview

This final project bootcamp is the final stage of the **Purwadhika Job Connector Web Development** program. In this session you will work on your final assignment in groups consisting of 2 to 3 people per group. Each group will work on a project with different specifications. The work process will implement the agile methodology using the Scrum framework and will be guided by a mentor.

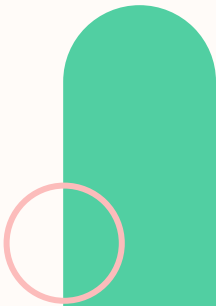
The duration of this phase will last for 5 weeks, with the following details:

- 3 Days : Preparation of final project
- 4 Weeks : Final project development phase
- 2 Days : Bug fixing
- 1 Day : Preparation of final project presentation
- 1 Day : Presentation and final assessment of the project by the mentor
- 1 Day : Presentation and final assessment of the project by examiners



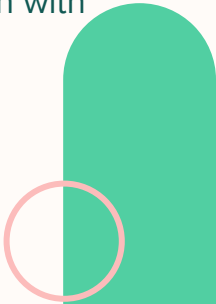
Preparation

- Duration : 3 Days
- Students will be guided by internal mentors to prepare the project (1x)
- Mentoring process would be run on:
 - Monday – Friday, 09.00 – 18.00
- Sessions :
 - 1 hour (or it could be shorter) per group
 - Scheduling of the mentoring process will be discussed further with the mentor
- Goals :
 - Reading specifications documents
 - Design a database structure
 - Search for UI references
 - Prepare GitHub repository
 - Create task backlog in [Jira](#)



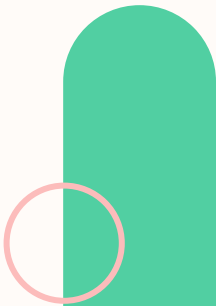
Development

- Duration : 4 Weeks (~20 Days)
- Throughout the development process, the agile methodology will be implemented by running **4 sprints**.
- Each sprint represent 5 working days (~1 week)
- Gitflow Workflow
 - master / main (*created and only can be accessed by lecturer)
 - develop (*each features will be merge in this branch, confirm to team member or lecturer)
 - features (*each features will be created as separated branch)
- During sprint week, there is ***daily standup meeting*** on each day.
- All students or groups will take turns reporting their progress and challenges during the development process in daily scrum meetings (~15 - 20 minutes per group)
- During the daily scrum meeting, each group is allowed to consult about the project they are working on with their mentors



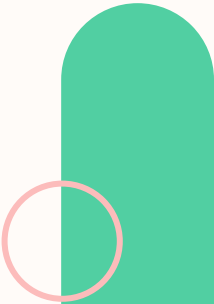
Bug Fixing & Final Project Presentation Preparation

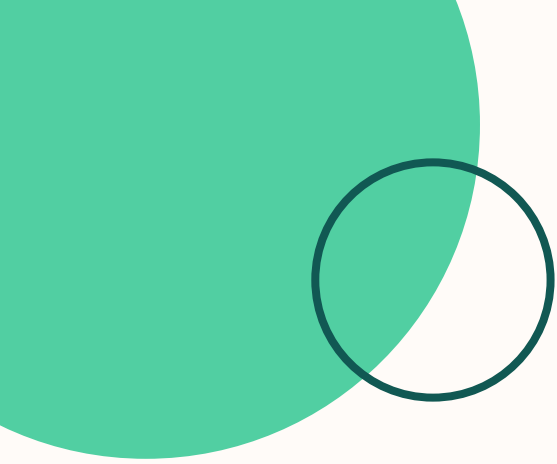
- Duration : 3 Days
- Students are given time to check the features that have been created and are given the opportunity to complete these features
 - a. Perform feature checks and make necessary corrections (bug fixes)
 - b. Students prepare and submit slides for the final project presentation
 - c. Last **Pull Request** submission should be made at this stage; no further modifications allowed



Mentoring Sessions: Internal

- Throughout the sprint, each group will be accompanied by a mentor (lecturer from Purwadhika)
- Each group will have the opportunity for mentoring 2x a week
- Duration : **~1 hour** each group per session
- Mentoring Schedule:
 - Monday – Friday : 09.00 – 18.00
- The scheduling of mentoring sessions is determined through an agreement between the students/groups and their respective mentors
- The mentoring schedule is flexible and subject to change based on circumstances
- The mentoring process will be conducted via online Zoom sessions in designated rooms





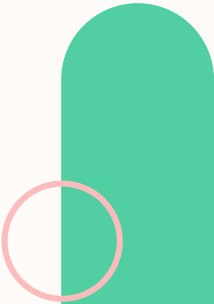
Online

Final Project Bootcamp Overview

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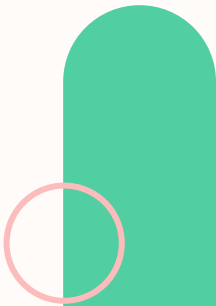
The duration of this phase will last for 6 weeks, with the following details:

- 3 Days : Preparation of final project
- 5 Weeks : Final project development phase
- 2 Days : Bug fixing
- 1 Day : Preparation of final project presentation
- 1 Day : Presentation and final assessment of the project by the mentor
- 1 Day : Presentation and final assessment of the project by examiners



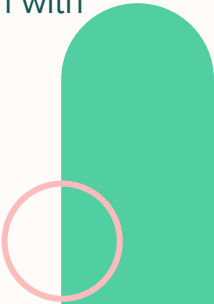
Preparation

- Duration : 3 Days
- Students will be guided by internal mentors to prepare the project (1x)
- Mentoring process would be run on:
 - Monday – Thursday, 19.00 – 22.00
 - Sunday, 09.00 - 16.00
- Sessions :
 - 1 hour (or it could be shorter) per group
 - Scheduling of the mentoring process will be discussed further with the mentor
- Goals :
 - Reading specifications documents
 - Design a database structure
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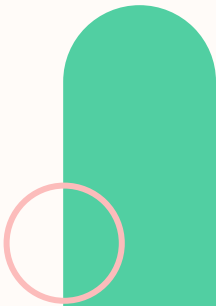
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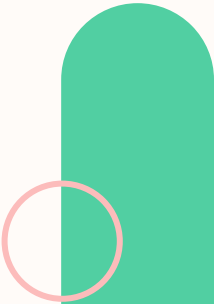
Bug Fixing & Final Project Presentation Preparation

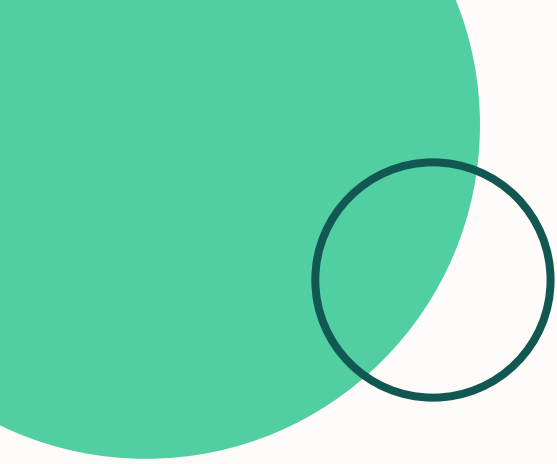
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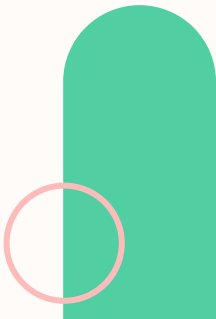


Final Project Presentation

Final Project Rehearsal

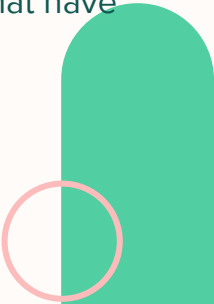
You are required to participate in the rehearsal process for the final project boot camp presentation. The internal mentor will provide evaluations from the perspective of a project manager for the project that has been worked on.

Durations: 1 hour each groups



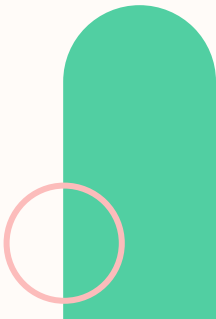
Final Project Presentation

- Each group that has successfully completed the final project boot camp will be given the opportunity to present the results of the project they have worked on during the "final project presentation"
- Before the presentation, all students are required to participate in a rehearsal (gladi resik) to a predetermined schedule, which will take approximately 2 working days
- Each group is required to organize all project resources and prepare a presentation slide containing the group name, specifications and user flow information, as well as the division of tasks per feature for each group member, along with a list of references
- The project slides and resources will be sent to the academic and operational emails maximum by D-1 before the rehearsal is conducted
- Students in each group will present the results of their projects according to the features they have worked on
- The final project will be assessed individually, not in groups, and based on the quality of the features that have been worked on



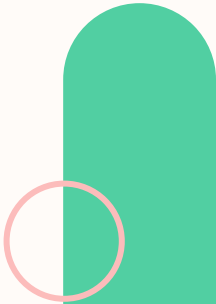
Final Project Presentation

- Duration : **90 minutes** each group
- The presentation will be conducted via online Zoom session.
- During the presentation, all students are required to turn on their cameras
- Each examiner has the right to ask questions during the presentation
- The examiners are the Purwadhika academic team and also external examiners



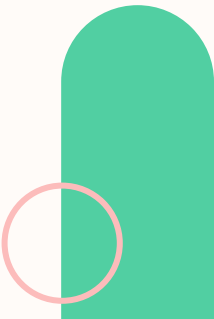
Final Project Presentation Guideline

- Introduction from the academic team and examiners (5 min)
- Presentation by the group representative (opening) (10 min) :
 - Group name
 - Spec info & main user flow
 - Task distribution per feature (must be included in slides)
 - References
- Live demo, approximately 1 hour 10 minutes:
 - This will be done alternately by each student depending on the feature they are working on
 - Each group will perform a live demo using the deployed project; live demo using localhost project are not allowed
 - Students are only allowed to demonstrate features they have worked on; they are not allowed to demonstrate other student's features
- Scoring, during the grading process, students are required to leave the Zoom room



Final Project Scoring Form

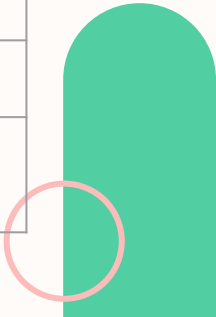
- Internal Mentor: 40%
- Internal & External Examiners : 60%



Final Project Scoring Form - Internal Mentor

Assessment points by internal mentors includes contribution, completeness of features, and also collaboration between team members. Assessments will be carried out on each member.

| Points | Details |
|--------|---|
| 0 | Not working on the project. |
| 20 | Working on the task but not completing it. |
| 40 | Working on the task but encountering a major bug. |
| 60 | Working on and completing the task but with minor bugs. |
| 80 | Successfully completing the task according to the minimum criteria standard. |
| 100 | Excellent progress, with a focus on user experience and thorough research on similar products to ensure the project flow is aligned with general user expectations. |

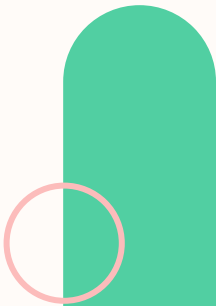


Final Project Scoring Form - Internal Mentor

Mentor Evaluation

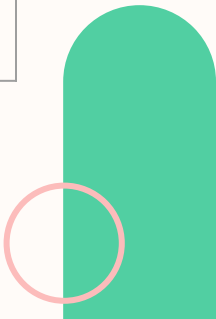
Internal mentor has the right to provide a subjective assessment of the student's work in developing the final project. The weight of the mentor score is 10 points. The assessment will include :

- Feature development
- Initiative
- Communication with team members
- Good user interface and user experience



Final Project Scoring Form - Internal Mentor

| Points | Lecturer Evaluations |
|---------|--|
| A = 10 | Perfect performance from the projects itself and presentations (communications, schedules and materials) |
| B = 7.5 | Good performance from the projects itself and presentations |
| C = 5 | Good progress but need improvement on several points (could be projects or presentations) |
| D = 2.5 | Nice try, but could be more active with projects or even presentations |
| E = 0 | Bad performance |

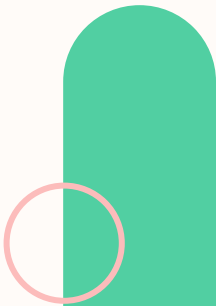


Final Project Scoring Form - Internal Mentor

This is an example of the scoring by internal mentor. Scoring would be based on PIC on each task.

Final Score = Point x (Mentor Score / 100)

| Task | Point | Mentor Score | Final Score |
|--|-------|--------------|-------------|
| Homepage / Landing Page | 10 | 100 | 10 |
| User Authentication and Profiles | 35 | 80 | 28 |
| User Address, Location Determination and Shipping Cost Calculation | 20 | 80 | 16 |
| Admin Account Management | 10 | 100 | 10 |
| Warehouse Management | 15 | 60 | 9 |
| Mentor Evaluation | 10 | 80 | 8 |
| Total | | | 81 |



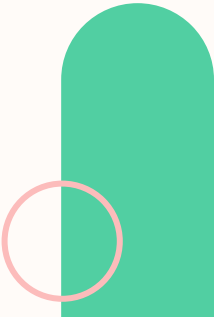
Final Project Scoring Form - Internal & External Examiners

Here are the assessment aspects that will be provided by the Internal and External examiners:

| Questions | Details | Scoring (%) |
|---|---|-------------|
| Is the accessibility and functionality of the frontend in line with the specifications? | Based on the demonstrated frontend features, the tidiness of the layout or appearance, and the code quality in the project. | 25% |
| Is the accessibility and backend functionality in line with the specifications? | Based on the demonstrated backend features and the code quality in the project. | 25% |
| Can the main issues be effectively resolved with the project that has been worked on? | Based on the alignment with the provided PRD (Product Requirements Document). | 20% |
| Are there any bugs in the features? If yes, are the bugs major or minor? | For major bugs, assign a score from 0-50. For minor bugs, assign a score from 51-99. If no bugs are found, assign a score of 100. | 20% |
| Is the student's readiness to compete in the digital industry evident? | From the examiner's perspective, is the student's hard skill proficiency as a web developer sufficient? | 10% |

Final Project Specifications

- Spec 01 : [Online Grocery Web App](#)
- Spec 02 : [Multi Warehouse E-Commerce](#)
- Spec 03 : [Property Renting Web App](#)



Thank you

