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Starting with the core modules, Web Development, database, and entrepreneurship, for the first eight weeks for the Equity and General May 2024 cohort. These lessons will be held on Monday, Wednesday, and Thursday at the proposed times within the timetable.

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| **TIME/DAY** | **EQUITY May 2024 Cohort** | **General MAY 2024 COHORT WITHOUT EQUITY Cohort** | **FEBRUARY 2024 COHORT** |
| 10 AM- 12.00 PM on Monday, Wednesday and Friday | Web Development | Database Systems | Free Instructors and interns help close the gaps within this cohort to improve specialization numbers. |
| 2 PM – 4 PM on Monday, Wednesday and Friday | Database Systems | Web Development Systems | Free Instructors and interns help close the gaps within this cohort to improve specialization numbers. |
| 6 PM-8 PM on Monday, Wednesday and Friday | Entrepreneurship, matchmaking, and communication within a tech environment. | | Free Instructors and interns help close the gaps within this cohort to improve specialization numbers. |
| Tuesday, Thursday and Saturday | Web Development Standup 10am to 12pm | Database Standup 10am to 12 pm | Free Instructors and interns help close the gaps within this cohort to improve specialization numbers. |
| Database Standup 2pm to 4 pm | Web Development Standup 2pm to 4 pm | Free Instructors and interns help close the gaps within this cohort to improve specialization numbers. |
|  | Entrepreneurship Standup 6pm to 8pm | Entrepreneurship Standup 6pm to 8pm |  |

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In this proposed model:

1. The learning will be purely project-based. The instructors will train the learners on the aspects of the web and databases by structuring their training materials around building a real-world project based on one of the SDGs (Sustainable Development Goals).
2. Due to the breakdown of these training times, there will be extra need to record the sessions and ensure they are available to the learners so that those who will not be able to make it for either time they will catch up. Due to the nature of the training being project-based, the learners will be building a training session project with the instructor. Thus, instead of having repeated and overlapping sessions, the learners can easily catch up on the recorded sessions and the three days for consultation and standups with the instructors that is Tuesday, Thursday and Saturday.

For the second part of the eight weeks of handling Python and Dart with Flutter for Specialization, the proposed handling will divide the days between the two modules. In this way, the structure will be:

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| Time/Day | **EQUITY May 2024 Cohort** | **General MAY 2024 COHORT WITHOUT EQUITY Cohort** |
| Monday 10 am – 12 pm; 2 pm- 4pm; 6pm – 8pm | DART WITH FLUTTER | PYTHON |
| Wednesday 10 am – 12 pm; 2 pm- 4pm; 6pm – 8pm | PYTHON | DART WITH FLUTTER |
| FRIDAY 10AM – 2PM | STANDUP & RECAP PYTHON | STANDUP & RECAP DART WITH FLUTTER |
| FRIDAY 4PM- 8PM | STANDUP & RECAP DART WITH FLUTTER | STANDUP & RECAP PYTHON |

With this proposed structure the requirements are the following:

1. A pre-learning session on Software Engineering basics where the learners will be trained on LMS access aspects, using GitHub, installing the IDE’s and language they will need for the training; Use of AI tools for learning such as ChatGPT; Use of Replit. This will help in preparing the learner for the rigorous training ahead.

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1. Each specialization module is given a day because of the wide spectrum of each module. This will allow the instructor to fully implement their projects from scratch. Still emphasis will be on recorded sessions, standups and consultations to get the learners who are left behind up to speed with the training instead of repeating aspects throughout the whole day.

With this proposed approach we encourage:

1. A project-based training where the instructor trains the learners on the given modules by implementing projects from inception up to deployment where there will reviewing and implementation of project deliverables based off the key aspects that need to be trained for each module for example if it is implementing CRUD operations or defining functions, these can be shown how they are implemented within the broader project.
2. I propose the use of SDGs (Sustainable Development Goals) to structure these projects which the learners are being trained on to emphasize the need for innovative thinking from the learners.
3. Propose establishing standups during the instructors' free days to aid the learners left behind in catching up.

The proposed structure of how the modules will be delivered is shown below. We don’t want to overwhelm the learners with all the languages simultaneously, so we start with the core modules, web and databases. The last eight weeks are for Python and Dart with Flutter.

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| **Module** | **Timeline** | **Requirement to proceed** |
| Software Engineering Basics | The first two weeks before orientation | Knowledge of LMS use, GitHub, Installing and use of IDEs for training; Understanding the expectation of the program |
| Web Development; Database | Week 1 to week 8 | One mini project that the learners will have a walk-through build during the training |
| Python, Dart with Flutter | Week 9 to Week 16 | 1 mini specialization project the learner developed during the training session through a walk-through build during the training. |
|  |  | In the end, the learner will have two mini-projects and a final project; if the learner cannot have the final project, they can be evaluated on how they implemented the two mini-projects during the In-depth 16-week training session where they learned through project-based learning. |

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With the above proposal, we will need additional manpower interns of more interns being brought on board to handle the more than three sessions that shall be ongoing currently. Also, for the current PLP alumni interns, adding more roles to them, like handling standups for the learners and shadowing the instructors as they train the learners so that they can also help the strugglers during the training session (The roles will basically be like Training Assistants).