Guidelines for Mini Project:

- A project must be prepared in a group of 3-4 persons per team
- Allotted time for project work will be 20 Hours (2.5 working days) max.
- Project must be implemented in Python programming language along with supported modules/frameworks/tools (if any)
- Project objective should be well defined in advance and project must be in fully functional state at the end of time frame allocated for work.
- The essential Python concepts to be covered must include, but not restricted to, following topics discussed in first 2 weeks of training prior to project work:
  - Python Object Oriented Programing Design
  - Interaction with MySQL database using Python SDK
  - API calls to required internal/external APIs using Python (optional)
  - Exception Handling wherever essential, and
  - File handling if needed (optional)
  - Unit testing through pytest
- Project would be evaluated on basis of following parameters:
  - Clarity of objective
  - Working product at the end of time frame allocated
  - Completeness/ Correctness/Performance/Test Case Qualification
  - Coverage of essential concepts
  - Participation in Project work by any individual
- Each team will have to present & demonstrate the idea and implemented solution at the end of the allocated time frame to the respective mentor/trainer/facilitator.
- Only open-source tools/frameworks/libraries/Free to use APIs to be used.
- Project code along with any documentation must be submitted directly to trainer/facilitator/mentor or as instructed.