

# Tutorial 3 | Gitlab Agile Tool

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DASS TAs

# Agenda

- Gitlab Session
  - Milestone Creation
    - Sprints
    - R1
    - R2
  - Labels
  - Issue Creation
  - Boards
- Assignment 1 Doubts

# Gitlab Session - Labels

1. Labels are basically tags, like “good first issue” or “help wanted” on github. So for each project there will be some specific labels depending upon the use cases but some will be common. For instance
  - a. Backlog : Issues not resolved on time.
  - b. Development : In coding phase currently.
  - c. Future : Part to be done in future sprints.
  - d. Testing : Coding Phase done for the module and is now in testing phase.
  - e. Additional labels can be like if you are using multiple technologies then each issue can have a tech label.

# Gitlab Session - Issue Creation

1. The title of the issues have a naming format.
  - a. Feature ; User Story ; Task
2. Each Issue has a brief and self explanatory description.
3. Should be attached to a sprint aka milestone.
4. Appropriate labels should be given.

# Gitlab Session - Issue | Naming Format

1. Naming Format as described in previous slide.
  - a. Feature ; User Story ; Task
2. Epics : Something So big such that it won't fit in a sprint,  
ex. Create a website or A software with some features.
3. Feature : Each Epic will have certain number of features  
that need to be implemented, For ex. Wallet in your  
current Assignment, Buying an Item etc.

# Gitlab Session - Issue

1. User Story : Something Actionable and small enough to fit in a sprint. Each Feature will be broken into Some small user stories. For ex, For wallet we can have “Add Money” and “Deduct Money”; for buying an item we can have “Select Quantity”, “Select Add Ons” , “Compute Total Amount” etc.
2. Task : Details relevant for developer, you don't have to specify tasks initially. Specify them when the time comes to solve that issue. For ex, for add\_money we can have increment\_variable, for Select Quantity, for zomato type interface, we have “Increment Button” and “Decrement Button” etc.

# Gitlab Session - Issue

1. Epics | Features | User Story | Task
2. Epics, Features, User Story are more like theoretical details or brief description. Given by customers generally.
3. Tasks are more of technical details relevant for developers.
4. In this case, each will be defined by you guys only.

# Gitlab Session - Boards

1. A GUI to handle the issues, where you can easily drag and drop issues from one list to another list. In this case, list precisely means labels. For example if you have an issue in “future” label then when the sprint comes you have to move it to “Development” label.



# Deadline: 5th Feb

You have to create milestones (sprints), labels and issues in the form - feature:user\_story and assign them to each sprint. At the beginning of every sprint, you will further divide every user story into tasks (feature:user\_story:task) and assign them to your team members. Make efficient use of the boards, labels and the various other features of Gitlab to help plan and track your project.

Your TA mentors can check the repository at any time and can grade you accordingly so keep the repositories updated.