ECSE365L – Agile Software Development
Lab 04 – Kanban Board and Daily Standup Board

The Storyboard is a technique that enables software managers to visualize the progress of various teams in conjunction with scrum during software development.

Check more about Kanban in five minutes:

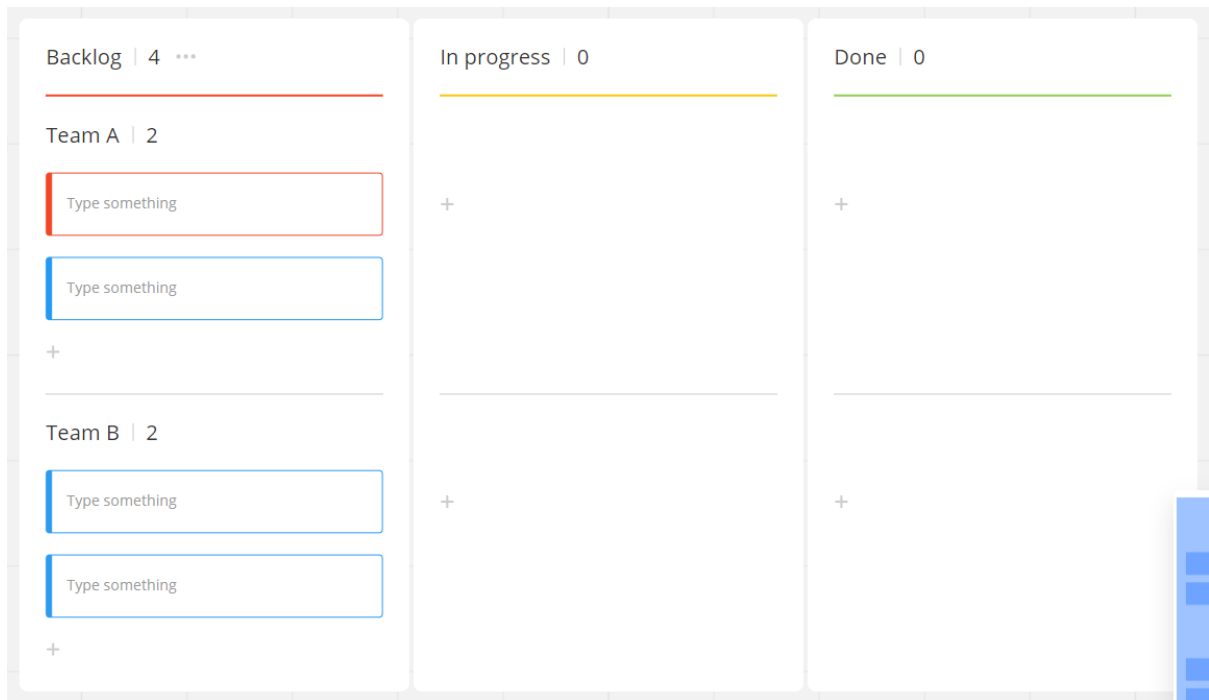https://www.youtube.com/watch?v=R8dYLbJiTUE

Did you hear **WIP limits** in the video? Feel free to see if that can be implemented in this lab exercise.
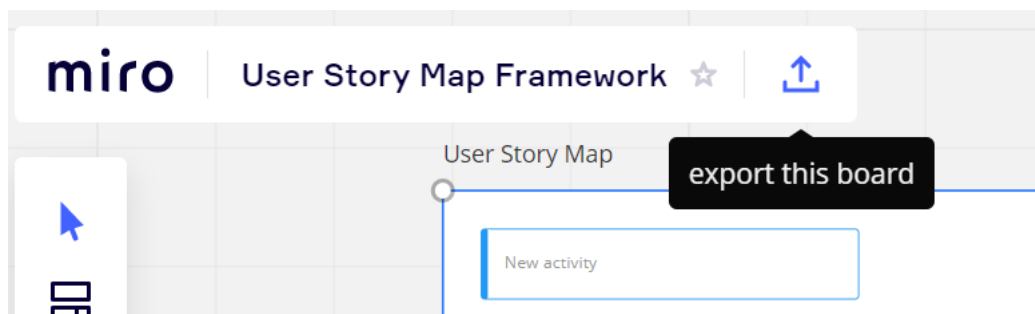
For your course registration system (CRS), you have to create a Kanban board where tasks (i.e. user-stories) a.k.a Product Backlog Items (PBIs) are divided among different members of different teams.

List out the PBIs across different teams and team members then follow the steps below:
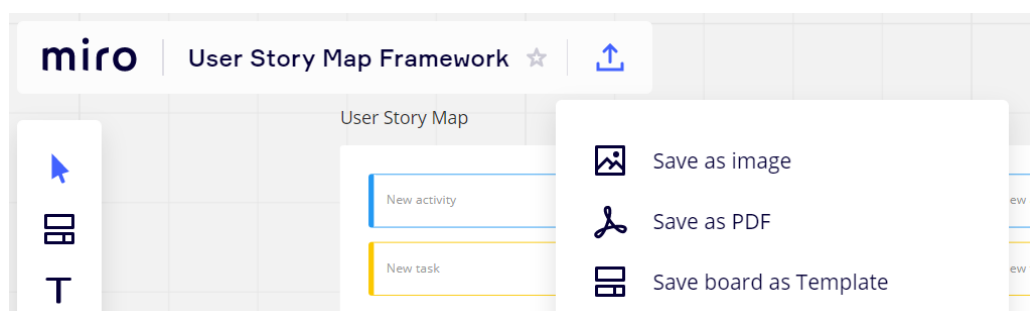
1. Login to Miro (http://miro.com/).
2. Select a Kanban framework (it is assumed that you have already followed step 1-4 from Lab 03).
3. You will see the following screen.

Backlog | 4 ···

Team A | 2

Type something

Type something

+

Team B | 2

Type something

Type something

+

In progress | 0

+

+

Done | 0

+

+

4. Now, based on the listed PBIs, create a Kanban board that enables software managers to visualize the progress of various teams in the project.

5. After completing your board, click on the Export icon on the top and save it as an image.
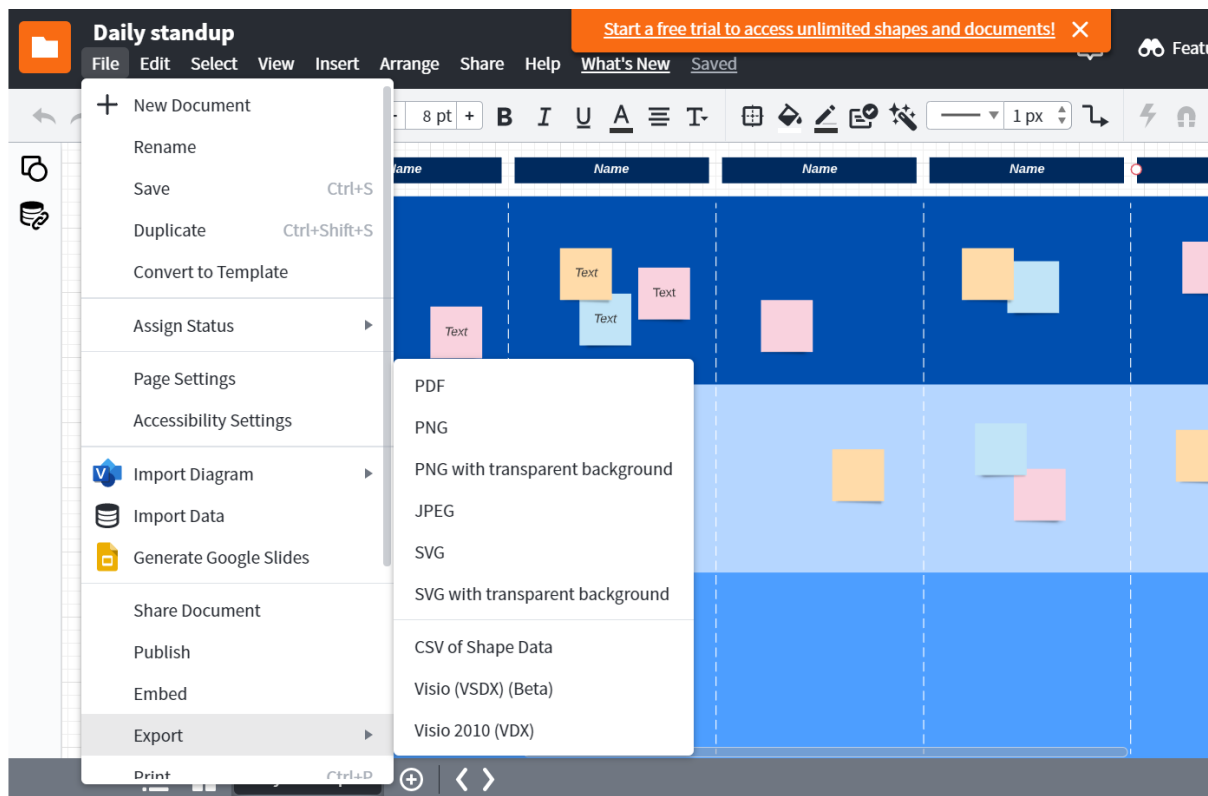
Along with that, login to https://www.lucidchart.com/ to create a daily standup board that will be utilized by the scrum manager to track the progress of each team member daily.

A daily standup board looks like below:

1. Rows indicates the standup discussion points.
2. Columns indicate the team member's name.
3. The cards inside are the tasks.
4. Based on the discussion the cards are moved from one row to another row (i.e. top to bottom in this case).
5. After completion of your standup board, click on file → export → click JPG or PNG option to save your board as image.

Submit an MS Word file that contains your Kanban board and Daily Standup board as your assignment on LMS.