Industrial robot arm

Organizational Chart

- Asma (leader)
  - Mechanical Engineering
    - A
    - B
  - Electronics and Power Engineering
    - C
    - D
  - AI Programming
    - E
    - F
  - IoT Apps
    - G
    - H
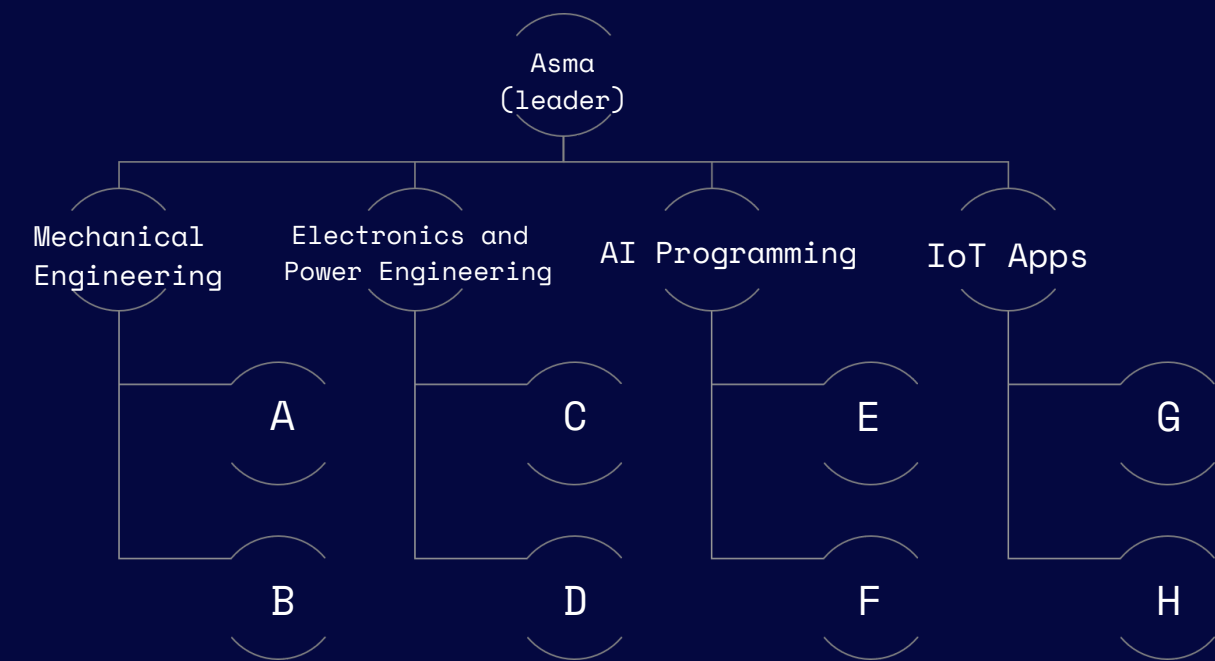
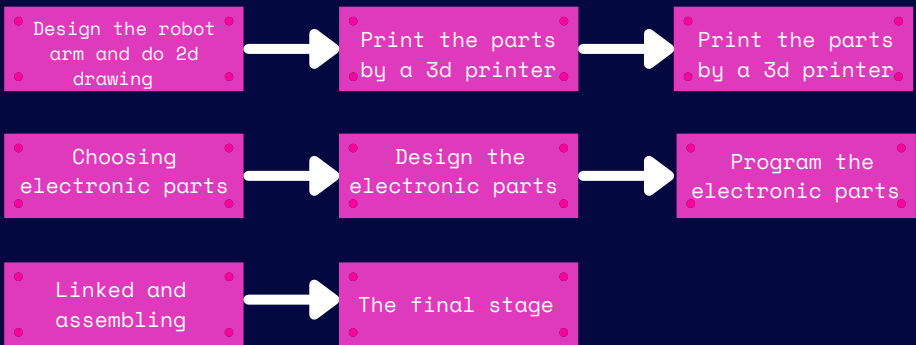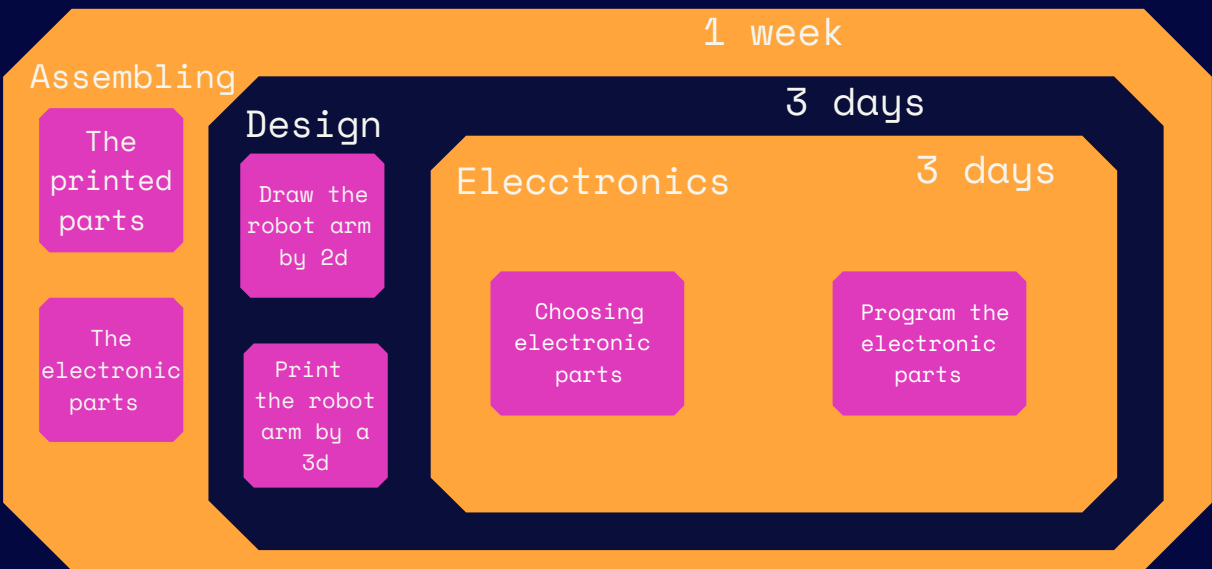## The Plan of industrial robot arm project

1- Start put ideas for our project and talk about the details.
2- Know the details and give each member the right task.
3- put a time plan depending on each task and how much time it takes.
4- Start implementation the required tasks for the project.

Task scheduler

- Design the robot arm and do 2d drawing → Print the parts by a 3d printer → Print the parts by a 3d printer
- Choosing electronic parts → Design the electronic parts → Program the electronic parts
- Linked and assembling → The final stage

Time line:

1 week

Assembling
- The printed parts
- The electronic parts

Design
- Draw the robot arm by 2d
- Print the robot arm by a 3d

3 days

Elecctronics — 3 days
- Choosing electronic parts
- Program the electronic parts

Production line

Determine the product type
the parts of our robot arm printed by a 3d printer

↓

Product assembly mechanism
manually

↓

Determine the packaging

↓

The final program for the product
Determine the type of the program and install it

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