

[Marshall Playground]

[Meeting Minutes Week 4]

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Customer Requirements

During our meeting with the client, we have discussed many things. Most importantly, the customer needs. We have asked our client Eva during our visit, what you think is mostly significant to us as engineers to consider. Many considerations that we have to deal with, such as, how different the kind of disabilities are, should we consider different sizes for more than one child or only consider it for only one child. Customer needs are listed in table 1.

Table 1: CNs

Customer Needs & Requirements
Apparatus needs to be portable
Safety
No sharp edges
Material must be rubber and soft
Sound motivations
Harness

Client Meeting

When we met the client we were observing the children to see how disabled they are because they will be our stakeholders. After the observation, the children went to their recess, in the meantime, the team set with the client to discuss the customer requirements, and whether or not we have to consider each child's disability. Thereafter, we went outside with the client to also observe the apparatuses, and how the children with disabilities would use them. The outdoor observation gave us a very good picture so we can think outside the box.

Engineering Requirements

As a team, our goal for the engineering requirements is to develop a set of engineering specifications from the customers' requirements. Our client Eva provided us with enough customer needs that should help us get our engineering requirements. Based on what our client provided us, and what Ch.6 techniques shows for the quality engineering requirements. We made table 2 as shown to simplify those requirements.

Table 2: Eng Req

Engineering Requirements
1- Safety, doesn't have sharp edges
2- Low cost, Easy to maintain
3- Simply used, Minimum effort while using it
4- High quality, long life time
5- Manufacturing well, shape as accepted

Two Actions

Table 3: Tasks

Assigned to	Actions & Tasks
Mohammad Alsewaji	<ul style="list-style-type: none">- Will keep managing the team- Checks everyone's tasks
Abdalaziz Alazmi	<ul style="list-style-type: none">- Will keep in touch with the client- Connect customer need with engineering requirements more specifically
Khaled Alenezi	<ul style="list-style-type: none">- Start the first touches on the Preliminary Report- Assisting the team on researches
Abdullatif Alenezy	<ul style="list-style-type: none">- Will check the project background- Starts Functional Decomposition
Saad Aldowsari	<ul style="list-style-type: none">- Will work on the House Of Quality- Keep up with researches

Appendix A

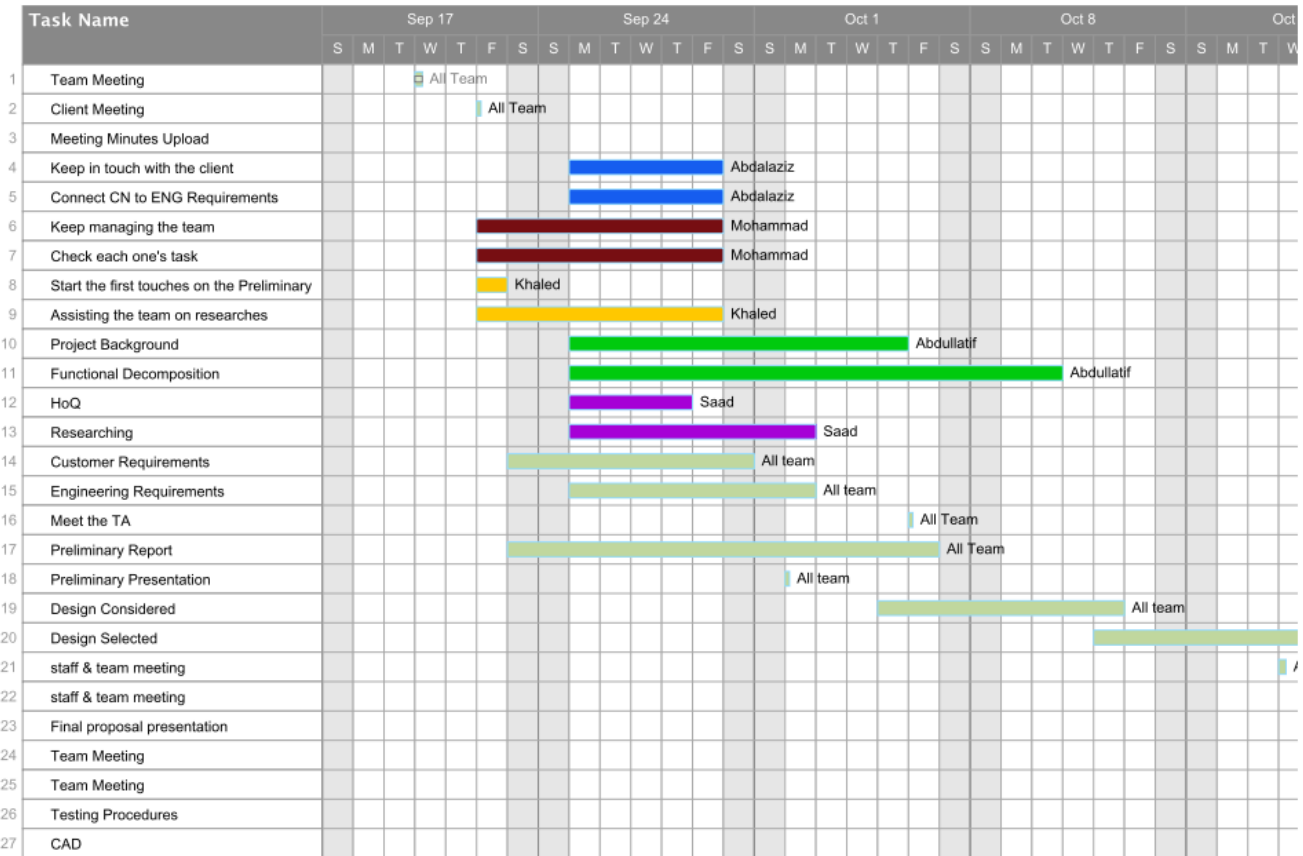


Figure 1: Gantt Chart A



Figure 2: Gantt Chart B