[Marshall Playground]

[Meeting Minutes Week 4]

[Abdalaziz Alazmi] [Mohammad Alsewaji] [Khaled Alenezi] [Abdullatif Alenezy] [Saad Aldowsari]

2017-2018

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	Will keep managing the teamChecks everyone's tasks
Abdalaziz Alazmi	 Will keep in touch with the client Connect customer need with engineering requirements more specifically
Khaled Alenezi	 Start the first touches on the Preliminary Report Assisting the team on researches
Abdullatif Alenezy	 Will check the project background Starts Functional Decomposition
Saad Aldowsari	Will work on the House Of QualityKeep up with researches

Appendix A

Task Name		:	Sep 1	17				ę	Sep 2	4			Oct 1									Oct 8	8				Oct		
																												W	
1 Team Meeting			a A	II Tea	m																								
2 Client Meeting					All	Теа	m																						
3 Meeting Minutes Upload																													
4 Keep in touch with the client												Abd	alazi	z															
5 Connect CN to ENG Requirements												Abd	alazi	z															
6 Keep managing the team												Mol	namn	nad															
7 Check each one's task										_		Mol	namn	nad															
8 Start the first touches on the Preliminary						Kha	aled																						
Assisting the team on researches												Kha	led																
Project Background																		Abo	dullat	if									
1 Functional Decomposition																						Abo	dullati	if					
2 HoQ											Saa	d																	
3 Researching															Saa	ad													
4 Customer Requirements													All t	eam															
5 Engineering Requirements															All 1	team													
6 Meet the TA																		All	Теа	n									
7 Preliminary Report																			All	Tean	n								
8 Preliminary Presentation														All	team	1													
9 Design Considered																								All t	eam				
0 Design Selected																													
1 staff & team meeting																												1	
2 staff & team meeting																													
3 Final proposal presentation																													
4 Team Meeting																													
5 Team Meeting																													
6 Testing Procedures																													
7 CAD																													

Figure 1: Gantt Chart A

15					(Oct 2	2				(Oct 2	9						Nov (5					١	lov 1	2					١	lov 1	9	
/ Т																																			
																_																			
								_																											
				_												_																			
							_	_	-	-		_		-		<u> </u>	-				_							_		<u> </u>					_
				_				_		-						-	-			_										-					
	_			-			_	_		-		_				-	-	_		_					_			_		-					_
	_			-			-	-		-	-	_		-		-	-											-		-					_
			<u> </u>	-			-	-		-	-		-		_	-	-			-	-				-	-		-		-	-		_		
	_			-			-	-		-	-	-	-		-	-	-			-	-				-	-		_		-	-		-		_
	_			-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-		-	-		-		-		_	-		_
	_			-			-	-	-	-		-	-	-		-	-				-		-		-					-	-		-		-
	-			-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-		-	-		-		-		-	-		
	_			-			-	-	-	-		-	-	-		-	-	-	-	-	-		-			-		-					-		
All t	eam			-			-	-	-	-		-	-	-		-	-				-		-		-					-			-		
\II tear				-			-									-							-					-							
_	AI	tear	n												-																				
																	All	tean	n																
1																						All	tear	n											
																											AI	tear	n						
																																			All
																																			All

Figure 2: Gantt Chart B