Reflection on Iteration # 7

Context Project: Health Informatics

Group: House Gryffindor

User Story	Task	Task Assigned To	Estimated Effort per Task (in hours)	Actual Effort per Task (in hours)	Done (yes/no)	Notes	Github Issue #
As a user, I want to be able to hold the basket in one hand and put items in the basket with my other hand so that I can finish faster with shopping.	**Add items to shopping basket** ● Improve adding items to the shopping basket by changing the way their positions and rotations are updated.	Maria, Viktor	5h each	5h	no	Controlling rotation of an object relative to another object was too complex	#47
As a client, I want the users to be able to pick up items without weird things happening so that they will not feel strange while shopping in the supermarket.	**Improve pick up of items** ● Fix the position and rotation of picked up items in the hand. ● Make picking up items smoother.	Magdalena, Wing Viktor, Magdalena	6h each 4h each	5.5h 4h	yes yes		#48

As a user, I want to be able to pick up items using two hands so that grabbing objects feels more realistic.	**Two handed grabbing** ● Implement a method to support two handed grabbing: holding objects by placing the hands beneath them.	Matthijs, Maria	5h each	4.5h	yes		#49
As a user, I want my body to be represented in the simulation in a recognizable way so that I have a better feeling of presence.	**Represent the user's body** ● Add a simple 3D model that represents the user's body.	Wing, Matthijs	3h each	2.5h	yes		#50
As a client, I want the system that my customers use to be reliable so that patients can be treated effectively with the simulation.	**Testing** ● Writing more test cases	Team	5h each	3.5h	yes	Manual testing with Debug messages to control branch points	
As a developer, I want to have a document explaining the interrelation of core components in the system, so that I know how the system works.	**Architecture Design** ● Complete the Architecture Design document to the current state of the system.	Team	1h each	30min	yes		

As a developer, I want to use design principles in my code so that I have a rigid and stable system.	Code Refactoring ● Refactor existing code so that these adhere to the SE practices taught. ● Improve code according to SIG feedback	Team Team	2h each 2h each	3h 3h	yes yes	It took more time to understand how SIG evaluates code than estimated.	#55 #56

Main Problems Encountered

Problrem 1:

Description: We didn't have enough time to work with the hardware. This has been a continous problem throughout the project. We only have access to 1 pair of gloves , half of the time. This leaves little time for actual development.

Reaction: We had no choice but to simply continue with the project. It is not possible to find extra hardware.

Adjustments for the next Sprint

Instead of focusing on finding a coverage tool, we will test the coverage with debug messages in the console and write our own coverage report.