

Project Zelula - SCRUM plan #3

Group 5/E:

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1 Introduction

In this SCRUM plan we define the tasks we want to complete in this sprint. Every task is assigned to one or two developers and an estimate is provided for the effort required.

For each SCRUM run a milestone is created at GitHub, with issues for the tasks selected. The issues for this milestone can be found on: <https://github.com/FelixAkk/synthbio/issues?milestone=10>.

2 Selection and assignment of tasks

This is the third sprint of our project. During this sprint we will implement validation, evaluation and simulation of a circuit. We will also look at saving and loading a circuit. If all goes according to plan we can start reusing previously build circuits and simulate the outcome of a circuit. If we do this it means we have the product we planned implementing at the beginning of this project. Afterwards it will only be fine tuning.

Available time

The time available is four mornings in two weeks by five people. That's about sixteen hours per person. Including meetings we come to an estimate of 70 hours of actual working. However, this is below the amount of hours spend with respect to ECTS, so we will plan spend a little more.

A list of tasks, assignments and effort estimations is included in a table.

Task		Developer	Effort	
			estimated	actual
#42	- Final report: Key Problems/Solutions	Felix	4	Actual
	Client: Specify protein for wires by drop-down menu		3	Actual
	- Client: Specify Input		16	Actual
	- Client: Circuit bookkeeping		}22	Actual
	- Client: Save Circuit			Actual
	- Client: Load Circuit			Actual
	- Server: Simulate Circuit		2	Actual
	- Server: Convert circuit to simulator input		14	Actual
	- Wiki: Simulator		1	Actual
	- Code Review		5*4	Actual
	- Final Scrumplan-3		2	Actual
	- Scaffolding Scrumplan-4		1	Actual
Total		85		
Optional tasks ¹				
#43	Polishing modelling/grid styles and workflow	-	Estimate	Actual
	- Proper gate-mouse location	-	Estimate	Actual
	- Input Output visualisation		Estimate	Actual
	- Client: Simulate Circuit		2	Actual
	- Final report: Reflection on teamwork		Estimate	Actual
Total		-	-	
Grand Total			-	

3 Reflection on this iteration

In this section we will give a quick review on this iteration.

¹Things from next iterations that could be done if sufficient time is available