

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
- Final report: Key Problems/Solutions	Felix	Estimate	Actual
- Client: Specify protein for wires		Estimate	Actual
- Client: Specify Input		Estimate	Actual
- Client: Simulate Circuit		Estimate	Actual
- Server: Simulate Circuit		Estimate	Actual
- Wiki: Simulator		Estimate	Actual
- Client: Save Circuit		Estimate	Actual
- Server: Convert circuit to simulator input		Estimate	Actual
- Client: Load Circuit		Estimate	Actual
- Client: Circuit bookkeeping		Estimate	Actual
- Code Review		Estimate	Actual
- Final Scrumplan-3		Estimate	Actual
- Scaffolding Scrumplan-4		Estimate	Actual
Total			
Optional tasks ¹			
- Polish model/grid	-	Estimate	Actual
- Proper gate-mouse location	-	Estimate	Actual
- Input Output visualisation	-	Estimate	Actual
- Protein selection for wires drop-down menu	-	Estimate	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