

Programming Life - SCRUM plan #2

Group 5/E:

Felix Akkermans

Niels Doekemeijer

Thomas van Helden

Albert ten Napel

Jan Pieter Waagmeester

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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=9>.

2 Selection and assignment of tasks

Because this is the first iteration, it is hard to predict how things work out. Lots of things are to be sorted out and we have to become familiar with the tools to be used.

Available time

The time available is five mornings in two weeks by five people. That's about twenty hours per person, however, some time should be reserved for the meetings. So the total effort available is about 90 man hours.

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

Presentation

Results for this iteration will be presented thursday may 4, 12:15 in DW-PC 0.010.

Task	Developer	Effort	
		estimated	actual
- Server: Save circuit	-	Planned	Actual
- Server: Load circuit	-	Planned	Actual
- Server: Validate circuit	-	Planned	Actual
- Server: Connection to simulator	-	Planned	Actual
- Client: Javascript scaffolding	-	Planned	Actual
- Client: Drag-and-drop gates to working area	-	Planned	Actual
- Client: Move gates in the working area	-	Planned	Actual
- Client: Draw wires between gates	-	Planned	Actual
- Client: Draw input/output wires	-	Planned	Actual
Total		-	-
Optional tasks¹			
- Server: Serve saved circuits	-	Planned	Actual
- Server: Convert circuit to simulator input	-	Planned	Actual
- Server: Simulate circuit	-	Planned	Actual
- Client: Validate circuit	-	Planned	Actual
- Client: Load circuit	-	Planned	Actual
- Client: Save circuit	-	Planned	Actual
- Client: Specify proteins for wires	-	Planned	Actual
Total		-	-
Grand Total		-	-

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