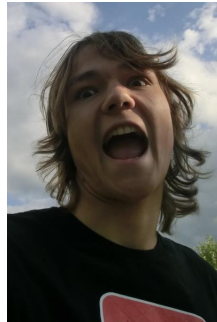


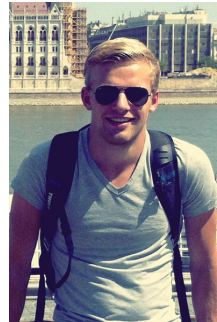
CONTEXTPROJECT PROGRAMMING LIFE  
GROUP 2 - GEVATT  
SPRINT REFLECTION 5, WEEK 9  
TU DELFT



Ruben Bes  
rbes  
4227492



Mathijs Hoogland  
mhhoogland  
4237676



Jasper Denkers  
jdenkers  
4212584



Robbert van Staveren  
rhvanstaveren  
1527118



Willem Jan Glerum  
wglerum  
4141040

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Story	Task	Effort	Assignment	Actual effort	Done	Notes
A user wants to have an overview of mutations per patient	Look up homozygote SNPs	6	Mathijs & Ruben	10 hours	Yes	Done. Took some time to figure out how to get other kind of information.
	Show relevant information per chromosome in overview visualization	6	Mathijs	5 hours	Yes	There's a separate overview per chromosome now.
	Implement the XY/XX chromosome visualization	10	Mathijs	10 hours	Done	Mathijs implemented the functionality added in form for adding a patient. Indicate if the patient is male or female.
A user wants to view links between genes and proteins related to a mutation	Show multiple mutations per gene on graph	6	Robbert & Jasper	10 hours	Yes	Quite hard to get information quickly. Made the processing of finding relations based on proteins after uploading the data. Connections are saved in the database and the graphs stays quick.
A user looks at an overview of the location of a mutation	Look if other genes are near the starting point of a mutation	6	Willem Jan	12 hours	Yes	Willem Jan updated the whole visualization with 20 genes and there locations by horizontal bars.
Database testing	Show neighbouring mutations	6	Willem Jan	5 hours	Yes	See previous point.
	Give proper errors when database fails	4	-	-	No	Skipped this due to time considerations.

A user logs in and views basic information	Optimize dashboard information	2	Jasper	4 hours	Yes	Done, removed unused pages and the dashboard. Dashboard got an update
For future changes, programmers must not have a hard time under-standing and changing code	Splitting long functions	3	Robbert	5 hours	Yes	Improved code structure by splitting functions (mainly database related)
		4	All	4 hours	Yes	Improved, almost everything covered
		2	All	3 hours	Yes	Made code more readable.
	Checkstyle	5	All	10 hours	Yes	Adjusted tests of changed code and increase coverage.
	JavaDoc					
Deliverables	Scrum reflection 5 week 9	2	Jasper	1 hour	Yes	None.
	Final Report Draft	5	Jasper & Mathijs & Willem Jan	15 hours	Yes	Mathijs did HCI chapter, Willem Jan did the rest. Jasper made other chapters a bit more readable.
	Architecture Design Draft 2	5	Ruben	5 hours	Yes	Most of feedback was already processed

## General Reflection

Last week with a lot of finishing touches. Some little extra features were added like background processing of the VCF files. All visualisations are finished and we have a working product. Still some minor issues with database connections but managed to get it working.

All of us are working well with branches and this improved our workflow. No more wrong code in master and each separate part was developed in a separate branch. We dropped the part of giving proper database errors but still, by good planning, were able to get everything done in time.

Final report just took some time but was made. EAD had a bit less work because some earlier feedback was already processed.