

TI2806 CONTEXTPROJECT

SPRINT PLAN 1

PROGRAMMING LIFE GROUP 4

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Sprint Plan #1

Programming Life 4

User story	Task	Task assigned to	Estimated effort (scale 1-5)	Priority (scale 1-5)	Notes
As a user, I want to view my graph in realtime.	Research datastructures for internal representation	Jente	2	5	
	Implement datastructure for graph (lib / db?)	Gerlof & Jente	4	5	
As a user, I want to be able to open graph files.	Research tokenizer / parser / efficiency	Piet & Skip	1	4	
	Parser for node files	Piet & Skip	4	4	
	Parser for edge files	Piet & Skip	2	4	
As a user, I want to be able to display and explore my data.	Research graph visualization toolkits	Gerlof & Owen	2	5	
	Research GUI toolkits	Jente	1	2	javafx scenebuilder? fxml?
	Implement basic graph visualization (partial genome)	Owen	2	5	
	Implement basic graph visualization (full genome)	Owen	4	4	

Justification of priorities

For the first sprint it is essential to do some digging in literature, so we know what our options are. As a result of this, most research tasks have a very high priority. Additionally, it would be difficult to start implementing without knowing what possible external libraries will be used. The GUI research task however