

VR CHEMISTRY APPLICATION DEVELOPMENT PRE-ESTIMATION

#	Task	Estimate, h	Comment
1	Core VR application		
1.1	Core application development (main menu, changing scenario)	100	The basis to which individual scripts will be connected
1.2	Option. Achievement system	50	Students will see achievements
	Quality assurance	30	Quality assurance for main application
	Total, hours - core VR application	180	
2	Back End		
2.1	Back end system - possibility to add new scripts	50	Give an opportunity to add new script
2.2	Option. Back end system - history of the students' score and achievements	80	Give an opportunity for a teacher to see the students' score and achievements
2.3	Quality assurance	30	Quality assurance for back end
	Total, hours - back end part	160	
3	Scenario "Element of the periodic table"		
3.1	Theoretical part	40	theoretical part in VR
3.2	Voiceover - theoretical part	40	voiceover for theoretical part
3.3	Practical task to create an oxygen atom	80	interaction with oxygen atom
3.4	Voiceover - practical part	40	voiceover for practical part
3.5	Test for students	20	5-7 questions for test
3.6	Voiceover - questions part	30	voiceover for questions' part
3.7	Quality assurance	50	Quality assurance for Scenario "Elements of the periodic table"
	Total, hours - Scenario "Element of the periodic table"	300	
	Total, hours	640	