

ID	Feature	Technical Task	Expected time effort (h)	Version	Responsible
1	Preparation	Iceberg list	1	1,1	Entire Team
2	Preparation	Planning and understanding of the project	4	1,1	Entire Team
3	Preparation	Setting up R-studio	1	1,1	Entire Team
4	Preparation	Repository setup	1	1,1	Entire Team
5	Preparation	Setting up existing IT infrastructure	1	1,1	Entire Team
6	Preparation	Getting up with Black-Scholes Model (formula)	2	1,1	Entire Team
7	Preparation	Getting up with Data layer	2	1,1	Entire Team
8	Preparation	Getting up with the Business layer	2	1,1	Entire Team
9	Initial pricing	Implement UI on the OntoREA Prototype	2	1,2	Blagoy
10	Initial pricing	Implement storing of the initial data in masterdata database	2	1,2	Blagoy
11	"Do" step	Getting up the input from the user	1	1,2	Blagoy
12	"Do" step	Storing the processed input of the database	2	1,2	Blagoy
13	"Plan" step	Calculating the new weights $N(d1)$	3	1,2	Diego
14	"Check" step	Retrieve $N(d1, t-1)$ from database	3	1,3	Diego
15	"Check" step	Compare $N(d1, t)$ to $N(d1, t-1)$ and propose rebalancing of portfolio	2	1,3	Diego
16	"Act" step	Perform the proposed rebalancing of portfolio	3	1,3	Blagoy
17	"Act" step	Calculate the portfolio fair value and store	2	1,3	Blagoy
18	"Act" step	Show graph of the changes of the replication portfolio	3	1,3	Diego
19	Testing	Testing database	1	1,4	Entire Team
20	Testing	Testing calculations	1	1,4	Entire Team
21	Testing	Testing the graph	1	1,4	Entire Team
22	Testing	Fixing bugs	4	1,4	Entire Team
23	Testing	Final project test	1	1,4	Entire Team
24	Final step	Do the documentation	2	1,5	Diego
25	Final step	Do the user guide	2	1,5	Diego
26	Final step	Final presentation	1	1,5	Entire Team
		Total effort	50		

Figure 1: Iceberg list