

1. 5 Backlogs ..... 2

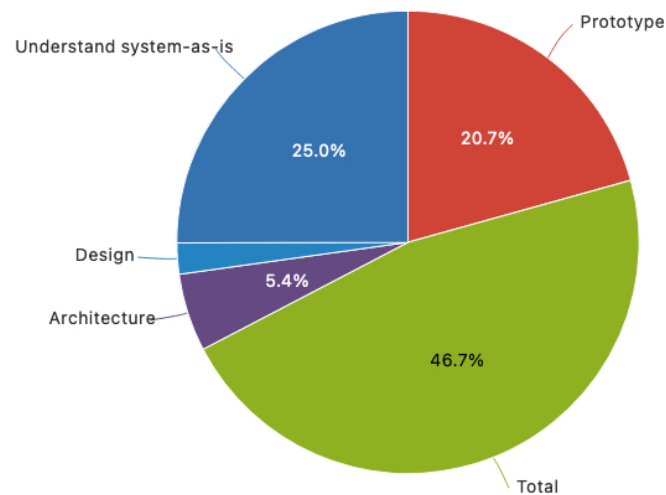
1.1 Sprint 0 Backlog ..... 3

## 5 Backlogs

# Sprint 0 Backlog

Note: Here the **existing system/system-as-is** refers to the previous semester project and product.

Whereas, **system-to-be** is the system we are going to build in the year long project with current team.



Priority, Epic, Task, Sub- Task / Story point Estimate				Count			
				3	5		Total
Could	Prototype	10. Communication	10.3 Improvise the communication UI			1	1
			Total			1	1
		11. Individual	11.2 Improvise the individual UI			1	1
			Total			1	1
		12. Configure	12.2 Improvise the configure UI			1	1
			Total			1	1
		6. Homepage	6.4 Improvise the homepage UI			1	1
			Total			1	1
		7. Overview	7.2 Improvise the overview UI			1	1
			Total			1	1
		8. Product	8.2 Improvise the product UI			1	1
			Total			1	1
		9. Process	9.4 Improvise the process UI			1	1
			Total			1	1

		Total	10.3 Improvise the communication UI			1	1
			11.2 Improvise the individual UI			1	1
			12.2 Improvise the configure UI			1	1
			6.4 Improvise the homepage UI			1	1
			7.2 Improvise the overview UI			1	1
			8.2 Improvise the product UI			1	1
			9.4 Improvise the process UI			1	1
			Total			7	7
	Total	10. Communication	10.3 Improvise the communication UI			1	1
			Total			1	1
		11. Individual	11.2 Improvise the individual UI			1	1
			Total			1	1
		12. Configure	12.2 Improvise the configure UI			1	1
			Total			1	1
		6. Homepage	6.4 Improvise the homepage UI			1	1
			Total			1	1
		7. Overview	7.2 Improvise the overview UI			1	1
			Total			1	1
		8. Product	8.2 Improvise the product UI			1	1
			Total			1	1
		9. Process	9.4 Improvise the process UI			1	1
			Total			1	1
		Total	10.3 Improvise the communication UI			1	1
			11.2 Improvise the individual UI			1	1
			12.2 Improvise the configure UI			1	1
			6.4 Improvise the homepage UI			1	1
			7.2 Improvise the overview UI			1	1
			8.2 Improvise the product UI			1	1
			9.4 Improvise the process UI			1	1
			Total			7	7
Must	Architecture	4. Draw the basic conclusions of system-to-be based on system-as-is	4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
			Total			1	1
		Total	4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
			Total			1	1
	Design	13. Design concepts	13.1 Data Design			1	1
			13.2 UI Design			1	1

		Total			2	2
		Total	13.1 Data Design		1	1
			13.2 UI Design		1	1
			Total		2	2
	Prototype	10. Communication	10.1 Confluence record with view button to see Minutes detail		1	1
			10.2 Linear graph shows the relationship between the amount of git comments and date		1	1
			Total		2	2
		11. Individual	11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall		1	1
			Total		1	1
		12. Configure	12.1 Function to update url of Jira/ Git/ Confluence		1	1
			Total		1	1
		6. Homepage	6.2 Import function		1	1
			6.3 Project team information show and a button with show or hide team details		1	1
			Total		2	2
		7. Overview	7.1 Show project overview and students' information		1	1
			Total		1	1
		8. Product	8.1 Show product quality metrics		1	1
			Total		1	1
		9. Process	9.1 Github module		1	1
			9.2 Jira module		1	1
			9.3 Confluence module		1	1
			Total		3	3
		Total	10.1 Confluence record with view button to see Minutes detail		1	1
			10.2 Linear graph shows the relationship between the amount of git comments and date		1	1
			11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall		1	1
			12.1 Function to update url of Jira/ Git/ Confluence		1	1
			6.2 Import function		1	1
			6.3 Project team information show and a button with show or hide team details		1	1
			7.1 Show project overview and students' information		1	1
			8.1 Show product quality metrics		1	1
			9.1 Github module		1	1
			9.2 Jira module		1	1
			9.3 Confluence module		1	1
			Total		11	11
	Understand system-as-is	2. Deployment	2.1 Create front-end git repository		1	1

			2.2 Create back-end git repository			1	1
			2.4 Test existing reuse-system			1	1
			2.5 Set up Trello to track progress			1	1
			Total			4	4
		3. Re-formulate requirements	3.1 Contact the client to update requirements			1	1
			3.3 Quality requirement			1	1
			3.4 Persona Draft and example			1	1
			3.5 Draw a goal model			1	1
			3.6 Create user stories in Confluence document and Trello			1	1
			3.7 Project analysis metrics			1	1
			3.8 Risk management			1	1
			Total			7	7
		1. Investigate the different aspects of the existing system	1.1 Front-end components and interactions of the homepage		1		1
			1.10 Back-end components and interactions of the configuration page	1			1
			1.2 Front-end components and interactions of the product quality page		1		1
			1.3 Front-end components and interactions of the process quality page		1		1
			1.4 Front-end components and interactions of the individual contribution page		1		1
			1.5 Front-end components and interactions of the configuration page		1		1
			1.6 Back-end components and interactions of the homepage		1		1
			1.7 Back-end components and interactions of the product quality page		1		1
			1.8 Back-end components and interactions of the process quality page		1		1
			1.9 Back-end components and interactions of the individual contribution page		1		1
			Total	1	9		10
		Total	1.1 Front-end components and interactions of the homepage		1		1
			1.10 Back-end components and interactions of the configuration page	1			1
			1.2 Front-end components and interactions of the product quality page		1		1
			1.3 Front-end components and interactions of the process quality page		1		1
			1.4 Front-end components and interactions of the individual contribution page		1		1
			1.5 Front-end components and interactions of the configuration page		1		1
			1.6 Back-end components and interactions of the homepage		1		1
			1.7 Back-end components and interactions of the product quality page		1		1

		1.8 Back-end components and interactions of the process quality page	1		1		
		1.9 Back-end components and interactions of the individual contribution page	1		1		
		2.1 Create front-end git repository		1	1		
		2.2 Create back-end git repository		1	1		
		2.4 Test existing reuse-system		1	1		
		2.5 Set up Trello to track progress		1	1		
		3.1 Contact the client to update requirements		1	1		
		3.3 Quality requirement		1	1		
		3.4 Persona Draft and example		1	1		
		3.5 Draw a goal model		1	1		
		3.6 Create user stories in Confluence document and Trello		1	1		
		3.7 Project analysis metrics		1	1		
		3.8 Risk management		1	1		
		Total	1	9	11	21	
		Total	10. Communication	10.1 Confluence record with view button to see Minutes detail		1	1
				10.2 Linear graph shows the relationship between the amount of git comments and date		1	1
				Total		2	2
11. Individual	11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall			1	1		
	Total			1	1		
12. Configure	12.1 Function to update url of Jira/ Git/ Confluence			1	1		
	Total			1	1		
13. Design concepts	13.1 Data Design			1	1		
	13.2 UI Design			1	1		
	Total			2	2		
2. Deployment	2.1 Create front-end git repository			1	1		
	2.2 Create back-end git repository			1	1		
	2.4 Test existing reuse-system			1	1		
	2.5 Set up Trello to track progress			1	1		
	Total			4	4		
3. Re-formulate requirements	3.1 Contact the client to update requirements			1	1		
	3.3 Quality requirement			1	1		
	3.4 Persona Draft and example			1	1		
	3.5 Draw a goal model			1	1		
	3.6 Create user stories in Confluence document and Trello			1	1		
	3.7 Project analysis metrics			1	1		
	3.8 Risk management			1	1		

		Total			7	7
	4. Draw the basic conclusions of system-to-be based on system-as-is	4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
		Total			1	1
	6. Homepage	6.2 Import function			1	1
		6.3 Project team information show and a button with show or hide team details			1	1
		Total			2	2
	7. Overview	7.1 Show project overview and students' information			1	1
		Total			1	1
	8. Product	8.1 Show product quality metrics			1	1
		Total			1	1
	9. Process	9.1 Github module			1	1
		9.2 Jira module			1	1
		9.3 Confluence module			1	1
		Total			3	3
	1. Investigate the different aspects of the existing system	1.1 Front-end components and interactions of the homepage		1		1
		1.10 Back-end components and interactions of the configuration page	1			1
		1.2 Front-end components and interactions of the product quality page		1		1
		1.3 Front-end components and interactions of the process quality page		1		1
		1.4 Front-end components and interactions of the individual contribution page		1		1
		1.5 Front-end components and interactions of the configuration page		1		1
		1.6 Back-end components and interactions of the homepage		1		1
		1.7 Back-end components and interactions of the product quality page		1		1
		1.8 Back-end components and interactions of the process quality page		1		1
		1.9 Back-end components and interactions of the individual contribution page		1		1
		Total	1	9		10
	Total	1.1 Front-end components and interactions of the homepage		1		1
		1.10 Back-end components and interactions of the configuration page	1			1
		1.2 Front-end components and interactions of the product quality page		1		1
		1.3 Front-end components and interactions of the process quality page		1		1
		1.4 Front-end components and interactions of the individual contribution page		1		1
		1.5 Front-end components and interactions of the configuration page		1		1



			1.6 Back-end components and interactions of the homepage		1		1
			1.7 Back-end components and interactions of the product quality page		1		1
			1.8 Back-end components and interactions of the process quality page		1		1
			1.9 Back-end components and interactions of the individual contribution page		1		1
			10.1 Confluence record with view button to see Minutes detail			1	1
			10.2 Linear graph shows the relationship between the amount of git comments and date			1	1
			11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall			1	1
			12.1 Function to update url of Jira/ Git/ Confluence			1	1
			13.1 Data Design			1	1
			13.2 UI Design			1	1
			2.1 Create front-end git repository			1	1
			2.2 Create back-end git repository			1	1
			2.4 Test existing reuse-system			1	1
			2.5 Set up Trello to track progress			1	1
			3.1 Contact the client to update requirements			1	1
			3.3 Quality requirement			1	1
			3.4 Persona Draft and example			1	1
			3.5 Draw a goal model			1	1
			3.6 Create user stories in Confluence document and Trello			1	1
			3.7 Project analysis metrics			1	1
			3.8 Risk management			1	1
			4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
			6.2 Import function			1	1
			6.3 Project team information show and a button with show or hide team details			1	1
			7.1 Show project overview and students' information			1	1
			8.1 Show product quality metrics			1	1
			9.1 Github module			1	1
			9.2 Jira module			1	1
			9.3 Confluence module			1	1
			Total	1	9	25	35
Should	Architecture	5. Architecture Diagrams	5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			Total			4	4

		Total	5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			Total			4	4
	Prototype	6. Homepage	6.1 Search function			1	1
			Total			1	1
		Total	6.1 Search function			1	1
			Total			1	1
	Understand system-as-is	2. Deployment	2.3 Document deployment instructions			1	1
			Total			1	1
		3. Re-formulate requirements	3.2 New requirement outline			1	1
			Total			1	1
		Total	2.3 Document deployment instructions			1	1
			3.2 New requirement outline			1	1
			Total			2	2
	Total	2. Deployment	2.3 Document deployment instructions			1	1
			Total			1	1
		3. Re-formulate requirements	3.2 New requirement outline			1	1
			Total			1	1
		5. Architecture Diagrams	5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			Total			4	4
		6. Homepage	6.1 Search function			1	1
			Total			1	1
		Total	2.3 Document deployment instructions			1	1
			3.2 New requirement outline			1	1
			5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			6.1 Search function			1	1
			Total			7	7
Total	Architecture	4. Draw the basic conclusions of system-to-be based on system-as-is	4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
			Total			1	1

		5. Architecture Diagrams	5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			Total			4	4
		Total	4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
			5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			Total			5	5
	Design	13. Design concepts	13.1 Data Design			1	1
			13.2 UI Design			1	1
			Total			2	2
		Total	13.1 Data Design			1	1
			13.2 UI Design			1	1
			Total			2	2
	Prototype	10. Communication	10.1 Confluence record with view button to see Minutes detail			1	1
			10.2 Linear graph shows the relationship between the amount of git comments and date			1	1
			10.3 Improvise the communication UI			1	1
			Total			3	3
		11. Individual	11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall			1	1
			11.2 Improvise the individual UI			1	1
			Total			2	2
		12. Configure	12.1 Function to update url of Jira/ Git/ Confluence			1	1
			12.2 Improvise the configure UI			1	1
			Total			2	2
		6. Homepage	6.1 Search function			1	1
			6.2 Import function			1	1
			6.3 Project team information show and a button with show or hide team details			1	1
			6.4 Improvise the homepage UI			1	1
			Total			4	4
		7. Overview	7.1 Show project overview and students' information			1	1
			7.2 Improvise the overview UI			1	1
			Total			2	2
		8. Product	8.1 Show product quality metrics			1	1

			8.2 Improvise the product UI			1	1
			Total			2	2
		9. Process	9.1 Github module			1	1
			9.2 Jira module			1	1
			9.3 Confluence module			1	1
			9.4 Improvise the process UI			1	1
			Total			4	4
		Total	10.1 Confluence record with view button to see Minutes detail			1	1
			10.2 Linear graph shows the relationship between the amount of git comments and date			1	1
			10.3 Improvise the communication UI			1	1
			11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall			1	1
			11.2 Improvise the individual UI			1	1
			12.1 Function to update url of Jira/ Git/ Confluence			1	1
			12.2 Improvise the configure UI			1	1
			6.1 Search function			1	1
			6.2 Import function			1	1
			6.3 Project team information show and a button with show or hide team details			1	1
			6.4 Improvise the homepage UI			1	1
			7.1 Show project overview and students' information			1	1
			7.2 Improvise the overview UI			1	1
			8.1 Show product quality metrics			1	1
			8.2 Improvise the product UI			1	1
			9.1 Github module			1	1
			9.2 Jira module			1	1
			9.3 Confluence module			1	1
			9.4 Improvise the process UI			1	1
			Total			19	19
	Understand system-as-is	2. Deployment	2.1 Create front-end git repository			1	1
			2.2 Create back-end git repository			1	1
			2.3 Document deployment instructions			1	1
			2.4 Test existing reuse-system			1	1
			2.5 Set up Trello to track progress			1	1
			Total			5	5
		3. Re-formulate requirements	3.1 Contact the client to update requirements			1	1
			3.2 New requirement outline			1	1
			3.3 Quality requirement			1	1

			3.4 Persona Draft and example			1	1
			3.5 Draw a goal model			1	1
			3.6 Create user stories in Confluence document and Trello			1	1
			3.7 Project analysis metrics			1	1
			3.8 Risk management			1	1
			Total			8	8
		1. Investigate the different aspects of the existing system	1.1 Front-end components and interactions of the homepage		1		1
			1.10 Back-end components and interactions of the configuration page	1			1
			1.2 Front-end components and interactions of the product quality page		1		1
			1.3 Front-end components and interactions of the process quality page		1		1
			1.4 Front-end components and interactions of the individual contribution page		1		1
			1.5 Front-end components and interactions of the configuration page		1		1
			1.6 Back-end components and interactions of the homepage		1		1
			1.7 Back-end components and interactions of the product quality page		1		1
			1.8 Back-end components and interactions of the process quality page		1		1
			1.9 Back-end components and interactions of the individual contribution page		1		1
			Total	1	9		10
		Total	1.1 Front-end components and interactions of the homepage		1		1
			1.10 Back-end components and interactions of the configuration page	1			1
			1.2 Front-end components and interactions of the product quality page		1		1
			1.3 Front-end components and interactions of the process quality page		1		1
			1.4 Front-end components and interactions of the individual contribution page		1		1
			1.5 Front-end components and interactions of the configuration page		1		1
			1.6 Back-end components and interactions of the homepage		1		1
			1.7 Back-end components and interactions of the product quality page		1		1
			1.8 Back-end components and interactions of the process quality page		1		1
			1.9 Back-end components and interactions of the individual contribution page		1		1
			2.1 Create front-end git repository			1	1
			2.2 Create back-end git repository			1	1
			2.3 Document deployment instructions			1	1
			2.4 Test existing reuse-system			1	1

			2.5 Set up Trello to track progress			1	1
			3.1 Contact the client to update requirements			1	1
			3.2 New requirement outline			1	1
			3.3 Quality requirement			1	1
			3.4 Persona Draft and example			1	1
			3.5 Draw a goal model			1	1
			3.6 Create user stories in Confluence document and Trello			1	1
			3.7 Project analysis metrics			1	1
			3.8 Risk management			1	1
			Total	1	9	13	23
	Total	10. Communication	10.1 Confluence record with view button to see Minutes detail			1	1
			10.2 Linear graph shows the relationship between the amount of git comments and date			1	1
			10.3 Improvise the communication UI			1	1
			Total			3	3
		11. Individual	11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall			1	1
			11.2 Improvise the individual UI			1	1
			Total			2	2
		12. Configure	12.1 Function to update url of Jira/ Git/ Confluence			1	1
			12.2 Improvise the configure UI			1	1
			Total			2	2
		13. Design concepts	13.1 Data Design			1	1
			13.2 UI Design			1	1
			Total			2	2
		2. Deployment	2.1 Create front-end git repository			1	1
			2.2 Create back-end git repository			1	1
			2.3 Document deployment instructions			1	1
			2.4 Test existing reuse-system			1	1
			2.5 Set up Trello to track progress			1	1
			Total			5	5
		3. Re-formulate requirements	3.1 Contact the client to update requirements			1	1
			3.2 New requirement outline			1	1
			3.3 Quality requirement			1	1
			3.4 Persona Draft and example			1	1
			3.5 Draw a goal model			1	1
			3.6 Create user stories in Confluence document and Trello			1	1
			3.7 Project analysis metrics			1	1
			3.8 Risk management			1	1

		Total			8	8
	4. Draw the basic conclusions of system-to-be based on system-as-is	4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
		Total			1	1
	5. Architecture Diagrams	5.1 Use-case Diagrams			1	1
		5.2 Domain Model			1	1
		5.3 Process diagram			1	1
		5.4 Communication Diagrams			1	1
		Total			4	4
	6. Homepage	6.1 Search function			1	1
		6.2 Import function			1	1
		6.3 Project team information show and a button with show or hide team details			1	1
		6.4 Improvise the homepage UI			1	1
		Total			4	4
	7. Overview	7.1 Show project overview and students' information			1	1
		7.2 Improvise the overview UI			1	1
		Total			2	2
	8. Product	8.1 Show product quality metrics			1	1
		8.2 Improvise the product UI			1	1
		Total			2	2
	9. Process	9.1 Github module			1	1
		9.2 Jira module			1	1
		9.3 Confluence module			1	1
		9.4 Improvise the process UI			1	1
		Total			4	4
	1. Investigate the different aspects of the existing system	1.1 Front-end components and interactions of the homepage		1		1
		1.10 Back-end components and interactions of the configuration page	1			1
		1.2 Front-end components and interactions of the product quality page		1		1
		1.3 Front-end components and interactions of the process quality page		1		1
		1.4 Front-end components and interactions of the individual contribution page		1		1
		1.5 Front-end components and interactions of the configuration page		1		1
		1.6 Back-end components and interactions of the homepage		1		1
		1.7 Back-end components and interactions of the product quality page		1		1
		1.8 Back-end components and interactions of the process quality page		1		1

		1.9 Back-end components and interactions of the individual contribution page		1		1
		Total	1	9		10
	Total	1.1 Front-end components and interactions of the homepage		1		1
		1.10 Back-end components and interactions of the configuration page	1			1
		1.2 Front-end components and interactions of the product quality page		1		1
		1.3 Front-end components and interactions of the process quality page		1		1
		1.4 Front-end components and interactions of the individual contribution page		1		1
		1.5 Front-end components and interactions of the configuration page		1		1
		1.6 Back-end components and interactions of the homepage		1		1
		1.7 Back-end components and interactions of the product quality page		1		1
		1.8 Back-end components and interactions of the process quality page		1		1
		1.9 Back-end components and interactions of the individual contribution page		1		1
		10.1 Confluence record with view button to see Minutes detail			1	1
		10.2 Linear graph shows the relationship between the amount of git comments and date			1	1
		10.3 Improve the communication UI			1	1
		11.1 Choose platform(Jira/ Git/ Confluence) and show percentage of students' contribution in the overall			1	1
		11.2 Improve the individual UI			1	1
		12.1 Function to update url of Jira/ Git/ Confluence			1	1
		12.2 Improve the configure UI			1	1
		13.1 Data Design			1	1
		13.2 UI Design			1	1
		2.1 Create front-end git repository			1	1
		2.2 Create back-end git repository			1	1
		2.3 Document deployment instructions			1	1
		2.4 Test existing reuse-system			1	1
		2.5 Set up Trello to track progress			1	1
		3.1 Contact the client to update requirements			1	1
		3.2 New requirement outline			1	1
		3.3 Quality requirement			1	1
		3.4 Persona Draft and example			1	1
		3.5 Draw a goal model			1	1
		3.6 Create user stories in Confluence document and Trello			1	1
		3.7 Project analysis metrics			1	1



			3.8 Risk management			1	1
			4.1 Design a high level architecture of system-to-be (Can be in many ways)			1	1
			5.1 Use-case Diagrams			1	1
			5.2 Domain Model			1	1
			5.3 Process diagram			1	1
			5.4 Communication Diagrams			1	1
			6.1 Search function			1	1
			6.2 Import function			1	1
			6.3 Project team information show and a button with show or hide team details			1	1
			6.4 Improvise the homepage UI			1	1
			7.1 Show project overview and students' information			1	1
			7.2 Improvise the overview UI			1	1
			8.1 Show product quality metrics			1	1
			8.2 Improvise the product UI			1	1
			9.1 Github module			1	1
			9.2 Jira module			1	1
			9.3 Confluence module			1	1
			9.4 Improvise the process UI			1	1
			Total	1	9	39	49