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1. PRODUCT BACKLOG ITEMS S2 (PBI)

In this part there are described the functionalities, requirements, improvements and corrections found within the Product Backlog. Concretely it is described the "what" more than the "how" of a customer-centric feature.

We remove some task because we think that it was duplicated, or we add more task because we think that we need them.

TASKS	DESCRIPTION	RESPONSABLES	DATE	QUESTIONS (ACCEPTANCE CRITERIA)
1.-More concurrency situation	Developing another multithread application in Java	Nahia & Aitor	12/16/2019	Is the concurrency problem solve?
1.4.1.-Find Information II	Find information about developing a multithread application and talk about with the expert	Nahia	12/16/2019	- We talk with the expert.? - Is all the information to develop the application clear?
1.4.2.-See in which part we can apply II	See in which part we can apply the concurrency part if it resolves the problem we want to solve.	Nahia	12/16/2019	Does the problem solve?
1.4.3.-Develop the application II	Develop the application to solve the concurrency problem and let it work	Nahia	12/16/2019	Is the application developed and working?
1.5.1.-Find Information III	Find information about developing a multithread application and talk about with the expert	Aitor	12/16/2019	- We talk with the expert.? - Is all the information to develop the application clear?

1.5.2.-See in which part we can apply III	See in which part we can apply the concurrency part if it resolves the problem we want to solve.	Aitor	12/16/2019	Does the problem solve?
1.5.3.-Develop the application III	Develop the application to solve the concurrency problem and let it work	Aitor	12/16/2019	Is the application developed and working?
1.6.1.-Find Information IV	Find information about developing a multithread application and talk about with the expert		12/19/2019	• We talk with the expert.? • Is all the information to develop the application clear?
1.6.2.-See in which part we can apply IV	See in which part we can apply the concurrency part if it resolves the problem we want to solve.		12/19/2019	Does the problem solve?
1.6.3.-Develop the application IV	Develop the application to solve the concurrency problem and let it work		12/19/2019	Is the application developed and working?
3.- Define the test cases (Black,White)	Define the test cases	Xabier	12/16/2019	Are all test do it and pass it?
3.1.-Define white box testing	Define white box testing	Xabier	12/16/2019	Are the white box test cases defined?
3.2.-Define black box testing	Define black box testing	Xabier	12/16/2019	Are the black box test cases defined?
5.-Develop and use front-end frameworks	Configure JavaDoc and UML plugin	Loredi	12/16/2019	Are JavaDoc and UML plugins configured and working?

5.1- JQuery	Create JQuery querys	Loredi	12/16/2019	Is the JQuery querys working?
5.2- Bootstrap	Create bootstrap navigation bar	Loredi	12/16/2019	Is the bootstrap working?
5.3- Multilanguage	Create multilanguage option	Loredi	12/16/2019	Is the app on multilanguage do it?
6.-Deploy projects on external server	Deploy the project to the server	Xabier	12/16/2019	Is the app working on the server?
6.1. -AWS	Activated the AWS	Xabier	12/16/2019	Can we connect all?
6.3- Commit code to git clone/pull server	When we commit that server clone or pull the project	Xabier	12/16/2019	Is a commit pulling or cloning to the server?
8.2.1- Test the application using the user test plan	Test to other persons the axure program	Ane & Nahia	12/16/2019	Are all user tested?
8.2.2- Considering the user's opinions make improvements in the application.	Apply this improvement on axure	Ane	12/16/2019	Are improvements in the application?
8.2.3- Documentation for the test results	Document the analysis of test	Ane	12/16/2019	Is the documentation done?
s **8.4.- Use data visualization libraries, frameworks and tools**	Use data visualization libraries, frameworks and tools that have not been seen on class for developing new interfaces or for improving the dashboard	Ane	12/16/2019	Are new dashboard with new libraries, frameworks and tools done?
8.5.- Add new interaction types on the interfaces to enhance user experience.	Define the information visualization	Ane	12/16/2019	Are the information visualization done?

8.6.- Design and run user test for interface evaluation	Define graphics	Ane	12/16/2019	Are the information visualization graphics defined?
8.7.1. – Test with real app	Do the test in the real application	Nahia	12/16/2019	Are the test done?
8.7.2. – Conclusion and improvements of the results	Give the conclusions of the tests performed	Nahia	12/16/2019	Are conclusions of test performed?
8.7.3. – Documentation for the futures changes and conclusion	After performing the tests, we must give conclusions and see what to change	Nahia	12/16/2019	Is the documentation done? We see and justify the future lines?
11.- Documentation	Do the documentation	All	12/16/2019	Is the documentation correctly done?
11.2.- Documentation milestone 2	Do the documentation for the milestone 2	All	12/16/2019	Is all the documentation for the milestone 1 correctly done?
11.3 Economic and social impact	The social and economic impact of the project	Ane	12/16/2019	Is the economic and social impact on the memory?
11.4 Software handbook	The documentation of the software handbook	Xabier	12/16/2019	Is the software handbook finished?g
12.- Presentation	Do the presentation	All	12/16/2019	Is the presentation correctly done?
12.1.- Presentation for milestone 2	Do the presentation for the milestone 1	All	12/16/2019	Is the presentation for the milestone 1 correctly done?

1.1. SPRINT 1 BURNDOWN CHART

In this part there is the burndown chart that measures the status of the development of the project. It shows a graphical representation of work left to do versus time. The outstanding work (or backlog) is often on the vertical axis, with time along the horizontal.

Burndown chart

1.2.   BOARD IMAGES

In this part, there are different images, about the pre-product backlog, as we can see below.
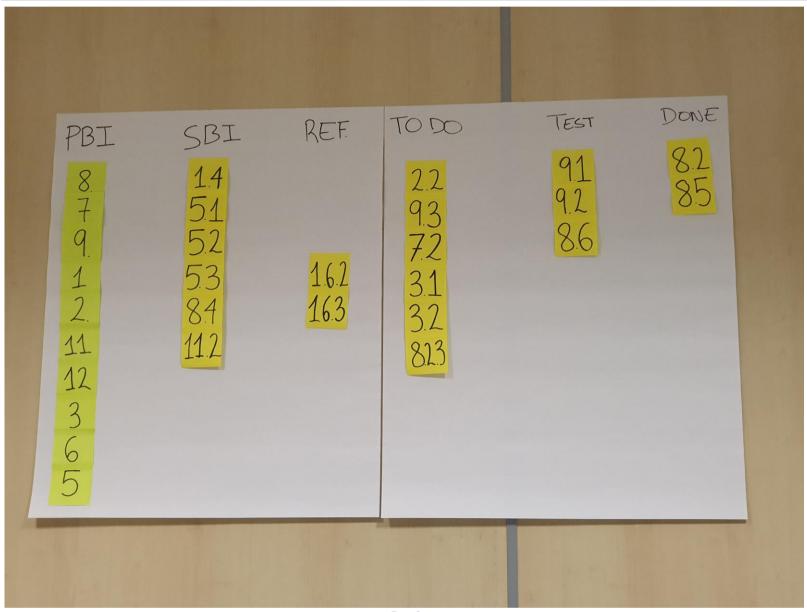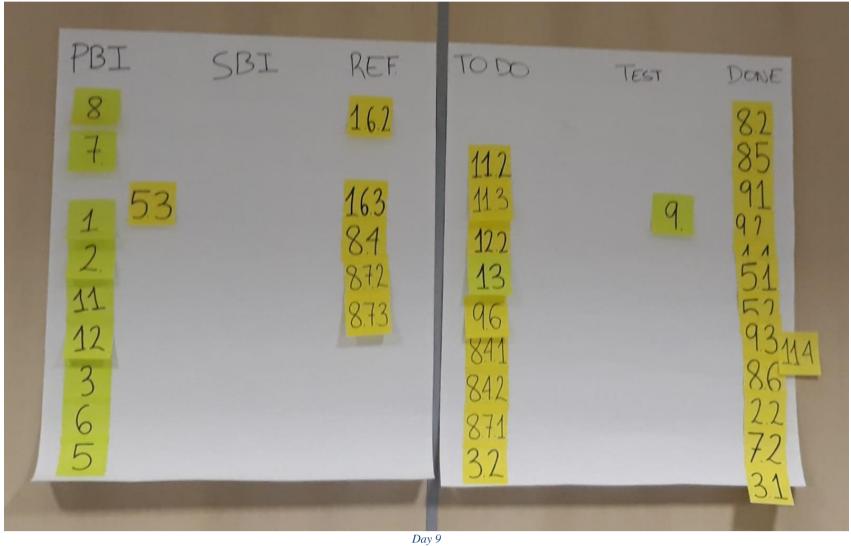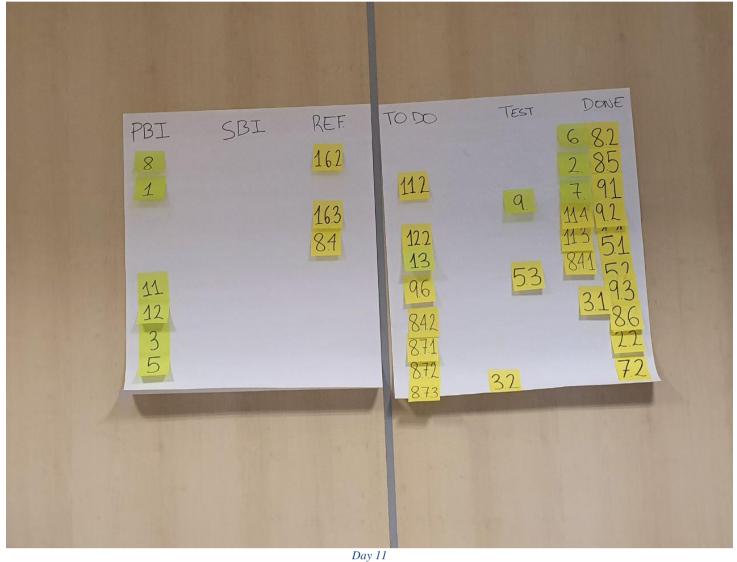

Day 1

Day 2

Day 3

Day 4

Day 5

Day 6

Day 7

Day 8

13

Day 9

Day 10

Day 11

Day 12

17

Day 13

Day 14

Day 15

Day 16

Day 17

Day 18

Day 19

Day 20