



Start Date :
9-13-2016
End Date :
1-25-2017

PM : Joey van der Bie & Bas Pijls van Kooten
Product Owner : Joey van der Bie & Bas Pijls van Kooten
Scrum Master : Axel Kiebooms
Scrum Team :

- Axel Kiebooms
- Michelle Rotter
- Wilco Wijdenes
- Arnout Schekkerman
- Nick Leijenhorst

Tasks Laddering

REQUIREMENTS & TASKS	W e i g h t	Pri ori ty	Resource / Owner
- UC01_Designing & Assembling Box	22		Nick
- Designing box 2nd workshop	4	2	Nick
- Designing box project closure	12	4	Nick
- Designing box 1st workshop	6	2	Nick
- UC02_Reading Manual	12		Michelle
- Designing manual 1st workshop	6	2	Michelle
- Designing manual 2nd workshop	6	2	Michelle
- UC03_Display "Welcome Page"	16		Michelle,Wilco,Axel
- Creating page mockup for "welcome page"	4	2	Michelle
- Creating data base	2	2	Wilco
- Making Rest Server (canceled)	4	3	Axel
- Couple database and server	2	2	Wilco
- Create web interface for "welcome page"	2	2	Wilco
- Saving and updtading data for "welcome page"	2	2	Wilco
- UC04_Display"Editor Page"	8		Michelle,Wilco
- Creating mockup for "Editor Page"	4	4	Michelle
- Create web interface for "Editor Page"	2	2	Wilco
- Refine data base and server for "Editor Page"	2	2	Wilco

- UC05_Display “Main Page”	13		Michelle,Wilco
- Creating mockup for “Main page”	4	2	Michelle
- Create an interface for the “Main Page”	4	2	Wilco
- Create a button directing to “Editor Page”	1	2	Wilco
- Create buttons for incoming and outcoming data	1	2	Wilco
- Display the list of boxes and their buttons	2	4	Wilco
- Create a button to delete boxes	1	2	Wilco
- UC06_Select Message Type in “Editor Page”	4		Wilco
- Display data	2	2	Wilco
- Select and send sinter klaas poem	2	2	Wilco
- Select and send temperature and humidity message	Cancelled		
- Select and send sound status			
- UC07_Connect to Wifi	13		Arnout,Axel,Nick
- Wifi codes for the 1st workshop	6	2	Arnout
- Wifi codes for the 2nd workshop	3	3	Arnout
- Merge codes of new wifi	4	1	Nick / Axel
- UC08_Add Led	4		Arnout
- Makes led behaviour for the first workshop	2	4	Arnout
- Makes led behaviour for the 2d workshop	1	1	Arnout
- Makes led behaviour for the project closure	1	6	?
- UC09_Add Servo Motor	6		Axel
- Implement servo motor for the 1st version	4	2	Axel
- Implement servo motor for Bas version	2	2	Axel
- Select different servo motor behaviors	cancelled		
- UC10_Add Temperature Sensor			
- Implement temperature sensor			
- Send temperature data to server			
- UC11_Add Mirco Sensor	2		Axel
- Implement sound sensor	2	5	Axel
- Send sound data to server	Cancelled		

- UC12_Add LED matrix	6		Axel
- Implement led matrix	2	1	Axel
- Implement “be happy”	Cancelled		
- Implement “be sad”			
- Implement “load”			
- Implement “Scroll message”	4	7	Axel
- UC13_Detect boxes with IBeacon	Cancelled		
- Optional			
- UC14_Testing&Closing Backend (wilco)	28		Wilco ?
- Create unit tests for the backend	4	3	Wilco
- Write test strategy	4	4	Wilco
- Recreate front end design	4	6	Wilco
- Security analysis	4	6	Wilco
- Clean and refactor code	4	7	??
- Create code documentation	4	7	??
- Create tutorials	4	7	??
- DOC01_Start :	10		Axel
- Project Brief	Cancelled		
- Solution Document	5	1	Axel
- Stakeholder Analysis	5	2	Axel
- DOC02_Initiate:	34		Axel
- Sketch User Stories	2	2	Axel
- Convert User Stories to Casual Use Cases	4	2	Axel
- Fully Dressed Use Cases	4	2	Axel
- Weight & Prioritize Tasks	4	2	Axel
- Activity Network diagram & Project Plan	6	2	Axel
- PID	6	2	Axel
- Refine Solution document	4	2	Axel
- Quality Register (Checklist)	4	2	Axel
- DOC03_Iterative Docs	24		Axel

- Top Risks Sprint 1	1	3	Axel
- Top Risks Sprint 2	1	3	Axel
- Top Risks Sprint 3	1	3	Axel
- Top Risks Sprint 4	1	3	Axel
- Top Risks Sprint 5	1	3	Axel
- Top Risks Sprint 6	1	3	Axel
- Burndown Chart at Sprint 1	1	3	Axel
- Burndown Chart at Sprint 2	1	3	Axel
- Burndown Chart at Sprint 3	1	3	Axel
- Burndown Chart at Sprint 4	1	3	Axel
- Burndown Chart at Sprint 5	1	3	Axel
- Burndown Chart at Sprint 6	1	3	Axel
- Changes at Sprint 1	1	3	Axel
- Changes at Sprint 2	1	3	Axel
- Changes at Sprint 3	1	3	Axel
- Changes at Sprint 4	1	3	Axel
- Changes at Sprint 5	1	3	Axel
- Changes at Sprint 6	1	3	Axel
- Review + Retrospective Report Sprint 1	1	3	Axel
- Review + Retrospective Report Sprint 2	1	3	Axel
- Review + Retrospective Report Sprint 3	1	3	Axel
- Review + Retrospective Report Sprint 4	1	3	Axel
- Review + Retrospective Report Sprint 5	1	3	Axel
- Review + Retrospective Report Sprint 6	1	3	Axel
- DOC04_Closure	12		Axel
- Product Status Account	4	7	Axel
- Clean and Refine all docs	8	7	Axel