

Hospital Wound Management - Administrative

This Doc	https://docs.google.com/spreadsheet/ccc?key=0AidJ1kQ60b1wdF9SdmtPTzhQWV85SUs5Y2w0STU1enc&usp=sharing
Live Service	under construction
Code repository	https://github.com/fau-amos-2014-team-2/root
Additional materials	not yet

Hospital Wound Management - Product Vision

The Hospital Wound Management Project will enable a much more convenient management of patients' wounds. Tablets running on multiple platforms (iOS, Android, Windows phone) will give an overview of a patient's wounds including wound histories. This simplifies treatment and (medical) care of the wounds and prevents errors. The documentation of wounds in a hospital will increase in efficiency.

Hospital Wound Management - Product Glossary

Term	Definition
patient selection	Menu with names of patients, where the User can select a specific patient.
login screen	Screen, where the User can login with a personal 4 digit password.
DB	[Abbreviation] database
Wound	A wound has several characteristics (defined via our DB-layout) and 1 or more wound descriptions
Ward	A ward contains several patients, a patient can only be in one ward at a time
Wound data	The wound characteristics from our DB.
Wound description	A wound description contains a text and the other characteristics described in the DB-layout. Furthermore it can contain a picture.
. * screen	The screens are to be taken from our storyboard.
Patient graphic	Graphical picture of a patient from the front and the back plus graphics of the feet from two positions. Three types of patient graphic exist: Woman, Man, Neutrum
Wound position	One of 77 positions, where a wound can be drawn into the patient graphic
Header	The gray area on top of the screen.
Footer	The gray area on the bottom of the screen.

Hospital Wound Management - Release Plan

Release	1.0					
No Sprints	6					
Due Date	28.05.14					
Sprint #	Theme	User Stories	Est. Size	Real Size	Burn-Down	Dev Speed
0	Research Frameworks	1, 2, 3, 4	12	20	12	
1	Infrastructure/Database/GUI elements	1-4, 5, 6, 7, 8, 9	27	31	2	
2	Infrastructure/Database/GUI elements	6, 10, 11, 12, 14, 15, 27, 28	33	37	2	
3	Infrastructure/Database/GUI elements	13, 16, 17, 20, 23, 25, 29, 30, 31	36	36	3	
4	GUI integration/Database Integration	18, 19, 21, 22, 24, 32, 33, 36-41	47			
5	GUI/Infrastructure/DB ready					
6	Test Offline					
Total			155	124	19	
Release	1.1					
No Sprints	6					
Due Date						
Sprint #	Theme	User Stories	Est. Size	Real Size	Burn-Down	
6					0	
7						
8						
9						
10						
11						
12						
Total			0	0		

Hospital Wound Management - Product Backlog

#	Size	Category	Short Name	Item Description	Acceptance Criteria	Responsible
34		GUI	wound healed	As a User, I want to mark a wound as healed. No new wound descriptions can be added.	A selected wound can be merked as healed (User is questioned if it really is healed). A healed wound cant get another description.	
35		GUI	see healed wounds	As a User, I want to select whether I see healed wounds or not.	A fitting selection method has been implemented. It is possible to switch modes to see all wounds or only new wounds.	
42		GUI	show healed wounds option	As a User, I want to have the option to see the healed wounds. (Patient Screen)	Button has been added; pressing it has the conequence of showing healed wounds.	
43		GUI	Header\Footer	As a developer, i want to get an icon into the footer.	A Develop-Group icon is added to the footer. (or some other icon)	
44		GUI	Headertext	As a User, i want my name and current station shown in the header.	The header contains the User's name and current station; default value; shows the current active ward	
45		Infra/Security	password hashing	As a developer, i want to save the PINs hashed and salted.	Only the salted password hash is saved in the database.	
46		GUI	wound descriptions	As a User, I want to add new wound descriptions (possibly with a new picture). After the data is saved, it cannot be changed anymore;	New wound descriptions can be added in the wound data screen. After saving, descriptions cant be changed anymore.	
47		Infrastructure	Usage of Camera	As a User, i want to be able to use the camera of a tablet to document a wound.	In the 'add wound description' dialog, the User can choose to add a camera picture (Android, iOS, NOT Windows)	

Hospital Wound Management - Product Backlog

48		Infrastructure	Usage of pictures	As a User, i want to be able to use pictures from the storage to document a wound.	In the 'add wound description' dialog, the User can choose to add a stored picture (Android, iOS, Windows).	
49		Infrastructure	Languages	As a developer, i want to switch between languages easily.	All language strings are stored in a seperate (.xml?) file and are accessible for development. Two files already exist: an english and a german version.	
50		GUI	Wound descriptions sorting	As a user, i want my wounddescriptions ordered by the time of entry into the system.	wound descriptions are ordered accordingly (newest on top)	
51		Infrastructure/GUI	Settings Menu	As a user, i want to have a settings option with the device's menu button. There, I want to change the DB server and the language.	After pressing the Menu button, a setting dialog is opened. In the settings dialogue, the language and server can be changed.	
52		GUI	LoginPhoto	As a User, i want to see a picture of myself before logging in.	A Photo of the selected employee is shown before and while the PIN is being entered	
53		GUI	Mark wounded patients	As a User, I want to see which patients are wounded and which are not wounded	There are little medic bags shown next to wounded patient. wounded patients are ordered before healthy ones.	
		EPIC		offline-capability		
		EPIC		ALERT SYSTEM		
26			login/drop-down			

Hospital Wound Management - Sprint Backlog

#	Rel.	Size	Category	Short Name	Item Description	Acceptance Criteria	Responsible
18		5	GUI/View Technisch schon vorhanden	Select ward	As a User, I want to have the option to select the ward before selecting the patient	See a list of wards and be able to select one/all -> see a list of patients + employee anpassen, sodass er zur station gehört	Simon
19		5	GUI	Select wound	As a User I want to get more information about a wound: coverage date, type, size, etc.	get information about wound listed	Jenny
21		5	GUI	wound documentation (1st step)	As a User, I want to document new wounds. As a first step the wound data have to be documented; After the data is saved, it cannot be changed anymore;	document wound data -> a new wound is listed	Jenny
22		5	GUI	wound documentation (2nd step)	In a second step the User wants to allocate the position of the wound in the graphic of the patient; Attention: After the data is saved, it cannot be changed anymore;	allocate wound in graphic -> wound allocation is shown for the patient	Eugen
24		3	DB	db-passwd	As a developer, i want to access the DB via web.	A DB can be accessed via the server provided by the OSS-Chair.	Stefan
32		1	Infrastructure	Git Ignore	As a developer, i dont want to see the /target folder being uploaded.	.gitignore file has been adjusted accordingly.	Ruben
33		3	DB/GUI	Only show patient for the current ward	As a User, i want to select my current station and only see my current patients [patient selection screen]	User can select his station and then sees only patients from this station. default value 'ALL' exists.	Eugen

Hospital Wound Management - Sprint Backlog

#	Rel.	Size	Category	Short Name	Item Description	Acceptance Criteria	Responsible
36		5	Infrastructure	clickable patient graphics	As a developer, I want to access the patient graphic through several positions	Every part of the patient graphic, where a wound can be drawn in should have a position to access. As there exist 77 wound positions in the DB, they all should be accessible.	Ruben
37		3	Infrastructure	restore last ward	As a User, I want to be logged in with the ward i selected most recently.	After logging in, the user is logged in into his most recently selected ward. If he has not been logged in, it is his default working ward, or if nonexistent 'ALL'.	Simon
38		1	Infrastructure	update storyboard	As a team, we want our most recent decisions shown in our storyboard	storyboard is updated.	Ruben
39		2	Infrastructure	App skeleton	As a developer, i want to have a new folderstructure, which is compatible with PhoneGAP.	App skeleton has been created.	Eugen
40		8	Infrastructure	Fill skeleton	As a developer, i want our app skeleton to contain our already implemented features.	App skeleton contains our implemented logic.	Stefan
41		1	[BUG] GUI	Fix Bug (numberformat exception) in Change Pin	As a User, I want to change my PIN-Code; This function is already possible, but there is still a numberformat exception in the background.	After taking care of the bug, the exception should not be shown anymore	Jenny

Hospital Wound Management - Feature Archive

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria	Responsible
1		1	5	8		Toolchain Vaadin	As a developer, i want a working Toolchain to compile a Vaadin project	Win7 Toolchain which compiles a simple „Hello World“ for Vaadin.	
2		1	5	8		Toolchain mGWT	As a developer, i want a working Toolchain to compile a mGWT project	Win7 Toolchain which compiles a simple „Hello World“ for mGWT.	
3		1	1	2		Doku Toolchain Vaadin	As a developer, i want a documentation about how to set up a Vaadin Toolchain	Step-by-Step documentation on how to set up a Win7 Vaadin Toolchain	
4		1	1	2		Doku Toolchain mGWT	As a developer, i want a documentation about how to set up a mGWT Toolchain	Step-by-Step documentation on how to set up a Win7 mGWT Toolchain	
5		1	3	3	Research	DB-Backend Compatibility	As a developer, i want to know which DB-Backends are compatible with our toolkits.	List of compatible Databases	
7		1	3	2	Research	GUI Contents	As a developer, i want to know how much functionality the GUIs of our frameworks have in comparison.	Document with a general comparison.	
8		1	3	3	Research	GUI native feeling	As a developer i want to know how native the toolkits' GUIs feel on the devices.	collect some studies concerning native gui feeling with the frameworks + give overview over them	
9		1	3	3	Research	Offline-Capabilities	As a developer/product owner/industry partner, i want to know how much offline capabilities the toolkits have.	overview concerning the offline capabilities	

Hospital Wound Management - Feature Archive

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria	Responsible
6		2	2	3	Research	PhoneGap Build - Process Comparison	As a developer, i want to know, whether it is possible to use the PhoneGap Build process with our frameworks.	Document, why it is not possible to integrate the PhoneGap Build/ how to integrate/costs.	
10		2	3	5	Infrastructure	Integrate PhoneGap - Win8	As a developer, i want to use PhoneGap.	PhoneGap is integrated to project; Win8 are releaseable	
27		2	3	5	Infrastructure	Integrate PhoneGap - Android	As a developer, i want to use PhoneGap.	PhoneGap is integrated to project; Android are releaseable	
28		2	3	5	Infrastructure	Integrate PhoneGap - iOS	As a developer, i want to use PhoneGap.	PhoneGap is integrated to project; iOS are releaseable	
11		2	8	8	Infrastructure/GUI	Develop-Screen	As a Developer, i want to link to my GUI elements from a 'central' element. Integration of other UI components.	A element with linking capabilities to the other GUI elements has been created. (The provided template has been adjusted accordingly). Code with comments.	Stefan
12		2	8	8	Database	DB-Backend	As a developer, i want to be able to access a local DB.	Database + Wrapper implemented -> provide data for patient selection	
14		2	5	5	GUI	lock\Unlock	As a User, i want to be able to log on, using a 4 number pin code and log off.	Login screen with a unlock function. Logout function stub.	
15		2	3	3	GUI	Select Patient	As a User, i want to select different patients	See a list with patients and be able to select a patient. -> stub link to patient picture	
13		3	3	3	GUI	Picture	As a User, i want to see a schematic picture af a patient.	See the schematic picture of a patient	Ruben

Hospital Wound Management - Feature Archive

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria	Responsible
29		3	8	8	Infrastructure	Vaadin and Phonegap	As a developer, i want to have a Project structure that uses both Vaadin and PhoneGAP.	Documentation of project structure. A compiling project structure (1+ platforms).	Eugen
23		3	2	3	Research	Camera	As a developer, i want to use the Camera without PhoneGAP	simple code that takes a picture\reason why you cant do it without PhoneGAP.	Jenny
25		3	2	2	DB	db-dokumentation	As a developer, i want to know, how to set up a local DB.	A step-by-step guide on how to set up a working local DB.	Stefan
30		3	5	5	DB/infrastructure	db integration	As a developer, i want to acces the provided DB.	The full functionality of the provided DB can be accessed via java.	Stefan
31		3	3	5	Infrastructure	storyboard	As a developer, i want to see the big picture of our application and where my new view has to link to.	A nice storyboard, with all the links between the views.	Ruben
16		3	2	2	GUI	change PIN	As a User, i want to be able to change my pin.	If a user is logged in, he can change his PIN	Jenny
17		3	3	3	GUI	User Account Management	As a User, i want to select my User account.	Added User Account Management list.	Simon
20		3	8	5	GUI	See graphic	As a User, I want to see the positions of the wounds in a graphic of the human body	Choose a patient -> get the graphic of a human body with the exact positions of the actual wounds of this person	Ruben

Hospital Wound Management - Impediments Backlog			
Name	Explanation	Solution	
Deadlines	too late checkouts	The deadlines are strict. On Sunday, even if nothing has been done yet, this is to be entered in Sun. feedback. Always upload to GIT if ready.	
iOS licence	iOS licence needed	SCRUM master will organize one	
VS-licence	VS-licence needed	postponed until it is clear, which licence we do need	
Communication 1	SDs wish to have more communication	Additional Meeting-Time for SDs via Skype	
Communication 2	SDs wish to have a faster communication platform	Faster communication channel for SDs through a Facebook Group	

Hospital Wound Management - Manager			
Week	Scrum Master	Review&Release Manager	
1	Leonhard Hösch	Leonhard Hösch	
2	Jenny Kane	Jenny Kane	
3	Stefan Betz	Stefan Betz	
4	Sabine Aschenbrenner	Simon Jordan	
5	Leonhard Hösch	Eugen Ananin	
6	Sabine Aschenbrenner	Ruben Larisch	
7	Leonhard Hösch	Jenny Kane	
8	Sabine Aschenbrenner	Stefan Betz	
9	Leonhard Hösch	Simon Jordan	
10	Sabine Aschenbrenner	Eugen Ananin	
11	Leonhard Hösch	Ruben Larisch	
12	Sabine Aschenbrenner		
13			