
Architecture & Scrum Setup

Task 05 & 06 - Team Green

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2019-05-03

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INTRODUCTION (REMINDER)

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- Support patients suffering from depression
- Allows doctors and patients to work closely together

COMPONENT DIAGRAM

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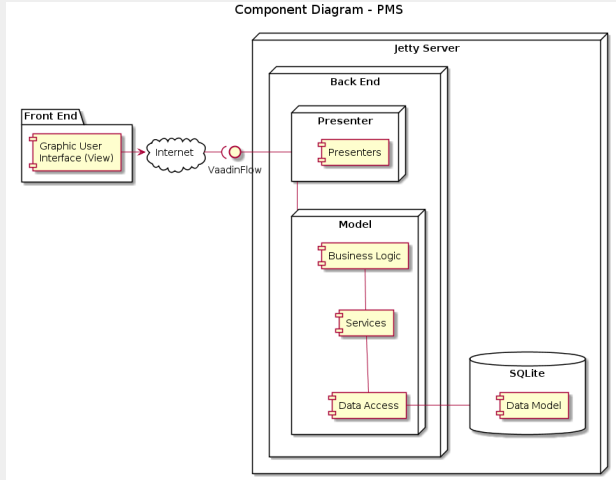


Figure 1: Component Diagram

DEPLOYMENT DIAGRAM

DEPLOYMENT DIAGRAM

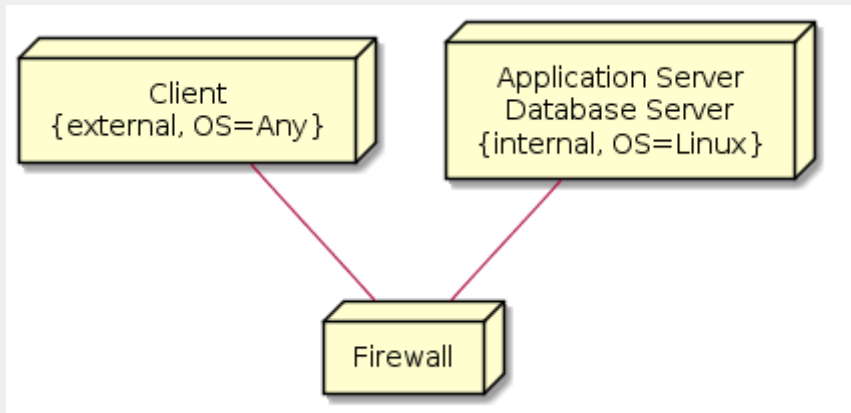


Figure 2: Deployment Diagram

CLASS DIAGRAM FOR MOOD DIARY VIEW

CLASS DIAGRAM FOR MOOD DIARY VIEW

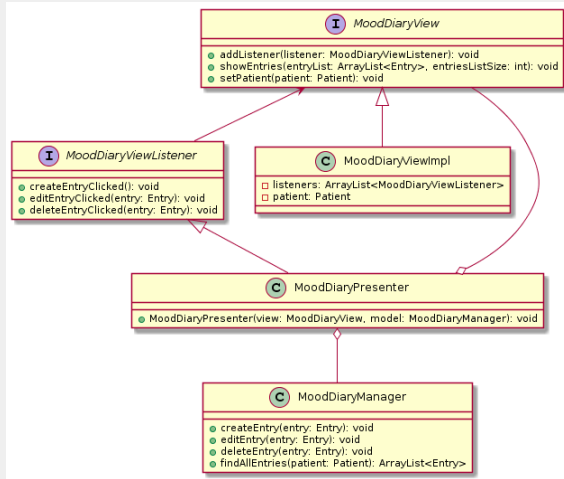


Figure 3: Class Diagram

SCRUM TEAM

Name	GitHub Alias	Rolle
Christian Kocher	@christiankocher7	DV
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Marc Häsler	@haelser	SM
Marius Schär	@martyschaer	DV
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Figure 4: Team

SCRUM PRODUCT BACKLOG

SCRUM PRODUCT BACKLOG

ID	Story Name	Description	Priority	Effort Plan Original [h]	Effort Plan Updated	Effort Actual	Status
1	Medication Reminders	Patient will be reminded to take their medication	1	30			Planned
2	Patient-Therapist Communication	Patient can talk to their therapist quickly and asynchronously	3	30			Planned
3	Mood Diary	and food for any given date and share this	1	30			Planned
		The patient has quick access to a number of emergency contacts, such as: A suicide hotline, their therapist, some close family members. It should be obvious how to reach the emergency contacts from any point in the application					Planned
4	Emergency Contacts		2	4			
5	Login	The patient can log in securely. Account creation is handled by the therapist.	1	4			Planned
6	Configure Persistency	The developers should be able to persist objects in an RDBMS	1	4			Planned

Figure 5: Product Backlog

SCRUM SPRINT 1

SCRUM SPRINT 1

ID	Sprint	Name	Description	Owner	Reviewer	Priority	Effort Plan Original	Effort Plan Updated	Effort Actual	Status
1.1	1	Model	Create the necessary model	MS	CK	1	2			waiting
1.2	1	Database	Create database schema and mapping	MS	CK	1	2			waiting
1.3	1	Scheduler	Scheduler which knows about the current reminders and schedules new ones	MH	MS	2	4			waiting
1.4	1	GUI	A GUI for displaying reminders	CK	MH	1	4			waiting
1.5	1	Done Check	The user can check off a reminder	CK	MH	2	2			waiting
1.6	1	Defer	The user can defer a reminder	CK	MS	2	2			waiting
1.7	1	System Defer	The system can defer a reminder	CK	MS	3	2			waiting
6.1	1	Configure JDBC	Configure JDBC connection	MS	SK	1	2			waiting
6.2	1	Configure Hibernate	Configure Hibernate for actual usage	MS	SK	1	2			waiting
5.1	1	Login	Create Login and User management	FC	MS	1	4			waiting
3.1	1	Model	Create necessary model	SK	FC	1	2			waiting
3.2	1	Database	Create database schema and mapping	SK	FC	1	2			waiting
3.3	1	GUI - Mood	Create a mood scale, which let the patient chose his/her actual mood	SK	FC	1	4			waiting
3.4	1	GUI - Sleep	The user can enter how many hours he/she slept last night in hours.	MH	SK	2	1			waiting
3.5	1	GUI - Water/Food	Create a list, so the user can make detailed entries of his consumption for food and drinks	FC	CK	1	4			waiting
3.6	1	GUI - Medication	The User choose which medication he/she took today	MH	CK	1	4			waiting
3.7	1	GUI - Activites/exercise	The User enters activites or exercises which he has don today	CK	MH	2	1			waiting
3.8	1	GUI - General Things	The User has the possibility to note any other important things into the mood diary	MH	SK	3	1			waiting

Figure 6: Sprint 1