AMOS Project 2 - Planning Documents

Project Data

Project Name	Jirassic Park
Production system (if any)	
Test system (if any)	···
Zoom Meeting	https://tu-berlin.zoom.us/j/67665685134?pwd=eHk3RXViMUtheWlidHdhendGck9PQT09
GitHub repository	https://github.com/amosproj/amos2021ws02-agile-trans-jira
GitHub kanban board (project)	https://github.com/amosproj/amos2021ws02-agile-trans-jira/projects/1
	https://www.shirtinator.de/loadBasket/_glJCSQ_rSN (female)
Team T-shirt (white)	https://www.shirtinator.de/loadBasket/If4stcrrBNf (male)
	https://www.shirtinator.de/loadBasket/uVeTqBos1qu (male)
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/zyjrqLNfsAS (female)
Additional materials	

AMOS Project 2 - Planning Documents

Project Team

Last Name	First Name	GitHub User Name	Email Address
Не	Yichang	woxihyc	yichang.he@campus.tu-berlin.de
Huynh	Thu-My	thumy-huynh	t.huynh.1@tu-berlin.de
Kafedzhieva	Emilia	emiliakaf	emilia.kafedzhieva@campus.tu-berlin.de
Kupkovic	Roman	romankupkovic	romankupkovic1@gmail.com
Pawlowski	Stefan	Stefuniverse	Stefan.Pawlowski@Infinithings.de
Pham	Minh Duc	mdp97	minh-duc.pham@campus.tu-berlin.de
Sivirina	Anastasiia	teanas	a.sivirina@campus.tu-berlin.de
Xie	Wei	WeiXie96	wei.xie@campus.tu-berlin.de
Wagner	Martin	Waldleufer	martin.wagner@fau.de

11/18/2021 2

AMOS Project 2 - Planning Documents

Team Contract

Goals	To create a viable Product in Atlassian Market Place	
	To learn Scrum framework by "doing"	
Meeting norms	Write a meeting protocol every meeting	
	Do not be late (not >2 minutes)	
	Communicate if you cannot attend	
	5 minute Smalltalk/Warm-Up	
Working norms	Do not commit anything that is not working and/or badly documented	
_	Commit message has to be short and clear	
	Work division via issue assignment	
	Release candidate has to be ready before the team meeting	
Coordination norms	Organize work on current PDF deliverables in Google Drive folders and the code on GitHub	
	Put labels and story points on issues	
	Thursday meeting starts with retrospective of the previous sprint and ends with a defined plan for the next sprint	
	Have two internal weekly meetings (Thursday + flexible decided upon Doodle)	
Communication norms	Discord for voice and Telegram for written communication	
	Open communication during daily/weekly	https://happy-amos.appspot.com - 2 per week
Consideration norms	Polls for decision making (majority rule)	
	On disagreement, make a second poll	
	Story points decision upon planning poker (discuss on disagreements and play again)	
Cont. improvement norms	Kanban board on github for progress tracking	
	Write standup emails at least twice per week to inform others about encountered problems and your upcoming tasks	
Rewards	Play a round of scribbl	
Sanctions	Minor failure: Punishment Jar> Financing next "Team-Event"	
	Major failure: Punishment Issue -> issue from the board chosen by the rest of the team	
	Severity of penalties is decided by a poll within the team	
Signatures		
Roman Kupkovic		
Emilia Kafedzhieva		
Anastasiia Sivirina		
Thu-My Huynh		
Stefan Pawlowski		
Yichang He		
Minh Duc Pham		
Wei Xie		

AMOS Project 2 - Planning Documents

Role Assignments

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Release Manager	Scrum Master	Product Owner	Scrum Master	Release Manager
1	2021-10-21		Yes	Minh Duc Pham	Everyone else	Stefan	Coach	Thu-My Huynh		Yichang
2	2021-10-28		Yes	Minh Duc Pham	Everyone else	Stefan	Coach	Minh Duc Pham		Thu-My
3	2021-11-04		Yes	Minh Duc Pham	Everyone else	Stefan	Coach	Yichang He		Emilia
4	2021-11-11		Yes	Minh Duc Pham	Everyone else	Roman	Coach			Roman
5	2021-11-18		Yes	Minh Duc Pham	Everyone else	Stefan	Coach			Stefan
6	2021-11-25		Yes	Thu-My Huynh	Everyone else	Minh Duc	Coach			Minh Duc
7	2021-12-02	Mid-project relea	Yes	Thu-My Huynh	Everyone else	Anastasiia	Coach			Anastasiia
8	2021-12-09			Thu-My Huynh	Everyone else	Wei	Chen Karen			Wei
9	2021-12-16			Thu-My Huynh	Everyone else	Yichang	Max Muster			
10	2022-01-13		Yes	Thu-My Huynh	Everyone else	Emilia				
11	2022-01-20			Yichang He	Everyone else	Roman				
12	2022-01-27			Yichang He	Everyone else	Stefan				
13	2022-02-03		Yes	Yichang He	Everyone else	Minh Duc		To be adjusted		
14	2022-02-10	Demo day / final	release	Yichang He	Everyone else	Anastasiia				
15	2022-02-17	Project retrospec	tive due	Yichang He	Everyone else	Wei				
				_						

AMOS Project 2 - Planning Documents

Product Goal

Product Vision Project Mission Going agile is getting more and more popular with companies and teams. It puts Our project mission is to develop the calendar feature as envisioned by the business people first and promotes velocity as well as adaptability to changes in the process. partner so the users can organize in teams and manage/assign tasks thtrough the Though scaling agile beyond single teams and projects also adds new challenges to use of requests. tackle. Coordinating teams, managing skills and budget are some of the biggest Teams assigned to tasks after accepting a request are shown in a calendar overview challenges when scaling agile, as scaling beyond single teams and projects adds that utilizes bar-elements and colors to display the exact intervalls and available time windows so the user can more effectively allocate resources and structure timelines. complexity. The user interface is strongly bound to the Atlassian design By unifying coordination and communication through our "Agile Transformation"-tool guide and uses the native Atlassian design objects whenever possible. we want to enable any company to be able to scale agile. To help make existing Team and member entities contain the required information processes and projects agile by using SCRUM we will offer our product as a plugin in so the user is enabled to make well informed decisions. Jira. Our product consists of three parts: a capacity planner, a skill database and a budget planner. Our capacity planner will leverage a company to a more efficient resource planning by offering a single tool for communication between teams. This tool enables transparency between teams by visualizing, consolidating and standardizing planning information throughout the company. It also benefits teams as the transparent planning process avoids both work overload as well as idle times. Further, it will make sprints more time efficient by optimizing coordination. Our skill database will aggregate the employees skills inside a single database. It enables discovery of unused efficiency by making unknown employee skills accessible to be discovered. Furthermore, decentralized communication can be avoided by centralizing the knowledge in one database. Lastly, our budget planner enables reallocation of unused budgets by giving an overview of the budget distribution inside a company. The overview will help finding high priority projects or products which may not be implemented due to insufficient budgets as well as low priority projects and products which can be postponed.

AMOS Project 2 - Planning Documents

Product Goal

Product Vision	Project Mission

11/18/2021 6

AMOS Project 2 - Planning Documents

Product Glossary

Term	Definition
Users	Every user using the plugin (e.g. product owner, scrum master, team member, etc.)
Issue	Any work item inside jira (also called request, ticket, task)
Epics	Body of work that can be broken down into specific tasks (called user stories)
Stories	Short requirements or requests written from the perspective of an end user
Initiatives	Collections of epics

11/18/2021 7

AMOS Project 2 - Planning Documents

Mid-Project Release Tracking

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down

AMOS Project 2 - Planning Documents

Final Project Release Planning

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down

AMOS Project 2 - Planning Documents

Impediments Backlog

Sprint	Status	Source	Impediment	Resolution
1	Resolved	Team	Sprint Last Minute Photo-finish	Have additional meetings earlier, have polls specifically early.
2	Resolved	Licencing	Copyright licenses / List of Materials	Atlassian licences required + Contact Mr. Riehle and the Industry Partners
2	In-work	Team	Everyone published on the main branch	Create feature branches; Create Merge requests; Main + dev + feature branches from dev. Person assigned to issue creates the feature branch. Update dev/main branch.
2	In-work	Team	COACH email late	Send emails earlier.
2	In-work	Team	Whole team doesn't always need to be in one place	More splitting up next sprints.
2	In-work	Team	Camera Request	Meetings where everyone is together.
2	In-work	Team	Last Hour Photo-finish	Try to improve more
2	Resolved	Team	Task responsibility was defined very late	Pick tasks right after the team meeting
2	In-work	Industry Partner	Unclearness / slowness of industry partner interactions	Weekly meeting with the industry partners -> On Demand meetings + promise to respond more quickly
3	In-work	Team	Unceartanty as to what the industry partner wants	US, more interactions with the Industry partners, trust the process
3	In-work	Team	Gaps in knowledge between team members	- Proper documentation

AMOS Project 2 - Planning Documents

Definition of Done

Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
Can be demoed	Feature has been tagged as a release candidate	Feature and Sprint Release DoD is fulfilled
Fully tested with the unit test	All merge conflicts have been resolved and all targeted branches were merged	Fulfilled requirements for putting the plugin on the Atlassian Marketplace
Code well structured and formatted (hold to code conventions)	Integration of all features has been tested	Developer documentation is finished
Well documented		User Guide is finished
No syntax/runtime errors		Code is integrated with master branch
Codes are peerly reviewed		
The user story is fulfilled		

AMOS Project 2 - Planning Documents

Documentation

Type	Link / reference
Type Meeting protocol	https://docs.google.com/document/d/1TzDhPqwDj7Wwa0orU6DdkGP75kFqGniDK6p025cxaC8/edit?usp=sharing

AMOS Project 2 - Planning Documents

Bill of Materials

1	Context	Name	Version	License	Comment
	Java Artifact	com.atlassian.jira.jira-api	8.13	Copyright @ 2021 Atlassian Pty Ltd	
		junit.junit	4.1	Eclipse Public License 1.0	
		com.atlassian.plugin.atlassian-spring-scanner- annotation	2.1.7	Copyright @ 2018 Atlassian Pty Ltd	
		javax.inject.javax.inject	1	Apache 2.0	
	Java Test runner dependencies	com.atlassian.plugins.atlassian-plugins-osgi-testrunner	2.0.2	Copyright @ 2021 Atlassian Pty Ltd	
		<u>javax.ws.rs</u> .jsr311-api	1.1.1	COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1, GNU General Public License (GPL) Version 2	
		com.google.code.gson.gson	2.2.2-atlassian-1	Apache 2.0	
		com.atlassian.maven.plugins.jira-maven-plugin	8.1.2	Copyright @ 2021 Atlassian Pty Ltd	

AMOS Project 2 - Planning Documents

Planning Poker

Last Name	First Name	Value			
He	Yichang	5			
Huynh	Thu-My	5	5.00	OK	
Kafedzhieva	Emilia	5	5.00	UN	
Kupkovic	Roman	5			
Pawlowski	Stefan	5	0	No size	
Pham	Minh Duc	5	1	Trivial size	
Sivirina	Anastasiia	5	2	Small size	
Xie	Wei	5	3	Medium size	
Wagner	Martin	5	5	Large size	
			8	Very large size	
			13	Too large (size)	