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)
A 1 124	
Additional materials	n.

Last Name	First Name	GitHub User Name	Email Address
He	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

Goals	To create a viable Product in Atlassian Market Place	
	To learn Scrum framework by "doing"	
Meeting norms	Write a meeting protocol every meeting	
<b>3</b>	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	
	Coding Sprint ends Wednesday 23:59 - No Commits / Kanban movement after that deadline.	
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		

#	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	Stefan	Coach	Emilia Kafedzhieva		Roman
5	2021-11-18		Yes	Thu-My Huynh	Everyone else	Stefan	Coach			Stefan
6	2021-11-25		Yes	Emilia Kafedzhieva	Everyone else	Stefan	Coach			Minh Duc
7	2021-12-02	Mid-project releas	Yes	Emilia Kafedzhieva	Everyone else	Stefan	Coach			Anastasiia
8	2021-12-09			Emilia Kafedzhieva	Everyone else	Stefan	Coach			Wei
9	2021-12-16			Emilia Kafedzhieva	Everyone else	Stefan	Coach			
10	2022-01-13		Yes	Emilia Kafedzhieva	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 i	elease	Yichang He	Everyone else	Anastasiia				
15	2022-02-17	Project retrospec	tive due	Yichang He	Everyone else	Wei				

## **Product Vision**

Going agile is getting more and more popular with companies and teams. It puts people first and promotes velocity as well as adaptability to changes in the process. Though scaling agile beyond single teams and projects also adds new challenges to tackle. Coordinating teams, managing skills and budget are some of the biggest challenges when scaling agile, as scaling beyond single teams and projects adds complexity.

By unifying coordination and communication through our "Agile Transformation"-tool we want to enable any company to be able to scale agile. To help make existing processes and projects agile by using SCRUM we will offer our product as a plugin in 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.

## **Project Mission**

Our project mission is to develop the calendar feature as envisioned by the business partner so the users can organize in teams and manage/assign tasks thtrough the use of requests.

Teams assigned to tasks after accepting a request are shown in a calendar overview 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. The user interface is strongly bound to the Atlassian design guide and uses the native Atlassian design objects whenever possible. Team and member entities contain the required information

so the user is enabled to make well informed decisions.

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
Request	An issue type in JIRA to request a capacity

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
0								55
1	Team Setup							
		agree on team settings						
		initialize team contract						
		design team logo						
		design team T-shirt						
		assign roles						
2	Project Intial Setup							
		research and setup project						
		first meeting with industry partner						
		initialize bill of materials						
		brainstorming product features	no deployable product increment, only of	organizational	tasks			
		produce overview diagram of runtime components	in asprojusto protest instantini, sinj	gaa	taono			
		produce use case diagram						
		produce class diagram						
		produce code components						
3	Environment setup							
		Get familiar with Jira platform						
		setup on jira platform						
		research on jira plugins documentation						
		create mockup demo						
		get feedback from business partner						
4	Initialize main page							
		Create the main page of the product						
			create main page	5		8		
			create request overview	5		5		
			create mockup of calender view	5		5		
		define project package structure			15		18	40
		research accessible data in Jira						
		research user management in Jira						
		agree on definition of done						
		define product vision						
		define project mission						
5	Further work on main page							
		continue working on main page						
			create project setting page	5		3		
			create roadmap	8		0		
			advanced working on request overview	8	21	2	5	19
		research team information			21			19
		research request data						
		research data management						
		finish mid-project release tracking						
6	Finish Main page							
		finish frontend	Roadmap (#29)	8	10	13		_
			Team Management Screen (#53)	3	1			0
		create issues	Create Request Screen (#30)	3		5	-	
		data storage	Create tables in the database (#44)	5		5		

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
			Burn- Down  50 40 20 2 3 4 5 6					

Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
	General Settings	Create screen of general settings page (#55)	3		3		203
	Request Overview	BUG: Roadmap has black background (#79)	5		not finished		
Enable creation of a request	Testing	Implement functionality to the buttons in Request Overview (#66)	8	22	not finished	5	181
		Change current location of project settings (#68)	3		2		
		Create first JUnit test (#69)	3		not finished		
		BUG: Roadmap has black background (#79)	5				
		Create issue type Request (#64)	8		not finished		
Add general settings	Custom Fields Request Type	Implement JQL search in Request Overview (#66)	5	28	due to		153
Add general settings	Request Overview	Create custom fields in general settings (#62)	5		technical problems		100
		Extract requests of current assignee (#82)					
		BUG: Roadmap has black background (#79)	5				
		Extract requests of current assignee (#82)	5				
	Finish features and bugs from previous sprints	Create issue type Request (#64)	5				119
		Implement JQL search in Reguest Overview (#66)	8				
Add general settings		Create first frontend JUnit test (#69)	3	34			
J. J		BUG: Create Request (#100)	3				
		Create custom fields in general settings (#62)	5				
		J. C.					
		Implement Project button in Request Overview tab (#94)	8				79
		Implement Type button in Request Overview (#95)	8				
	Create custom fields	Implement Status button in Request Overview (#96)	8				
	& Implement	Extract requests of current project (#105)	8				
0 Custom Fields	functionality on the	Create a unit test of Create Request function (#104)	8	40			
	main page						
		Implement Assignee button in Request Overview (#99)	8				
		Implement More button in Request Overview (#98)	8				
		Implement list view in Request Overview (#92)	8				
Request Overview	Main page	Implement detail view in Request Overview (#91)	8	32			47
<b>T</b> ab							
		implement graphical representation of requests in personal calender	8				

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
12	Planner	Team Planner	implement graphical representation of requests in team calender Unit test of My Planner Page Unit test of Custom fields	8 8 8	32			15
13	Testing & Refactoring	Final Testing and Refactoring	Test and refactor Request Overview  Test and refactor Calender  Test and refactor General Settings	5 5 5	15			0
14	Final Release							
					Burn- I	Down		
					250 200 500 150 4 100		11.	
					Ing 50			_

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn- Down
						8 9	10 11 1	2 13 14

Sprint	Status	Source	Impediment	Resolution
1	Resolved	Team	Sprint Last Minute Photo-finish	Have additional meetings earlier, have polls specifically early.
	Resolved	Licencing	Copyright licenses / List of Materials	Atlassian licences required + Contact Mr. Riehle and the Industry Partners
		- J	1, 0	Create feature branches; Create Merge requests; Main + dev + feature branches from dev.
2	Resolved	Team	Everyone published on the main branch	Person assigned to issue creates the feature branch. Update dev/main branch.
2	Resolved	Team	COACH email late	Send emails earlier.
2	Resolved	Team	Whole team doesn't always need to be in one place	More splitting up next sprints.
2	Resolved	Team	Camera Request	Meetings where everyone is together.
2	Resolved	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
				Weekly meeting with the industry partners -> On Demand meetings + promise to respond
	Resolved	Industry Partner	Unclearness / slowness of industry partner interactions	more quickly
	Resolved	Team	Unceartanty as to what the industry partner wants	US, more interactions with the Industry partners, trust the process
	Resolved	Team	Gaps in knowledge between team members	- Proper documentation
	Resolved	PO	Issue creation quite hard in terms of estimated size.	Ask SD or SM for help. SD if you think a task is too big, ask PO / other SD or SM for help.
4	Unsolvable	Team	Unclear Atlassian documentation !!!!	Own Projects Documentation and own Project Code helps with that.
		_	Unsurance about current developement flow. Import of	- Stefan found a possible solution for this and requested more help from other SDs on the
4	In-work	Team	external ressources not easily doable.	matter. Needs to be prioritized! Will be first action in this sprint [08].
1	Resolved	Scrum Master	People going rogue during the team meeting	<ul> <li>Consider reevaluating the team contract. How do you as a team feel about people going rogue mid meeting? -&gt; Communication</li> </ul>
	Resolved	Team	SDs that prefere backend work would like tasks.	User stories involving backend have been created.
3	Resolved	Tealli	Undefined User Flow - How the user uses the application.	- Team discussed the topic and will proceede from that point on and ask the industry partner
5	In-work	SDs	Flow chart requested.	about it.
	Resolved	Release manager	Commits on the same day	Only commits by the day before the teammeeting. 23.59
_	Resolved	Release manager	Release manager missing - noone else had a clue.	Make sure someone else is able to do a release.
	Resolved	Team	How to deal with bonus time during holidays	Prof. Riehle provided some info on this.
	Resolved	PO	Kanban board not updated in time	Make sure to move items on kanban board until. 23.59
6	In-work	Team	Irregular Work was not reviewed enough	Assign reviewers to the Kanban Cards
			Not everyone was on the same page on some alternative	
7	Created	Team	ways to approach a goal	Communication? Ask SM for help?
			US are dragged on for more then one sprint - Is the scope	
	Created	PO	of the features too big?	
8	Created	SDs	Inconsistency between feature branches and dev branch	
	0	OD-	Jira Documentation Book book is outdated! (Book from	Varify informations of Occasion (Attaching Days / Famous)
	Created	SDs	2016)	Verify informations via Google. (Atlassian Docs / Forums)
8	Created	SDs	Merge without review on second Computer	
Q	Created	Team	Frustration created by "Blocker Impediment", Miscommunication	Attend additional monday meeting?
0	Created	Tealli	Wiscommunication	Attend additional monday meeting:

#	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
	Clear explaination of code		User Guide is finished
	No syntax/runtime errors		Code is integrated with master branch
	Codes are peerly reviewed		
	Communicate issues by leaving comments on github		

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

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	
		javax.ws.rs.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	

Last Name	First Name	Value			
He	Yichang	5			
Huynh	Thu-My	5	5.00	OK	
Kafedzhieva	Emilia	5	5.00	UK	
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)	