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
Team T-shirt (white)	https://www.shirtinator.de/loadBasket/_gIJCSQ_rSN (female) https://www.shirtinator.de/loadBasket/lf4stcrrBNf (male)
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/uVeTqBos1qu (male) https://www.shirtinator.de/loadBasket/zyjrqLNfsAS (female)
Additional materials	...

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	
	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		

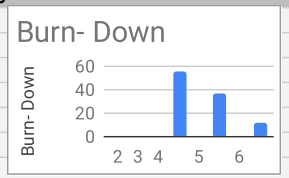
#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Release Manager	Scrum Master		Product Owner	Scrum Master	Release Manager
1	2021-10-21		Yes	Minh Duc Pham	Everyone else	Stefan	Coach		Thu-My Huynh		Yichang
2	2021-10-28		Yes	Minh Duc Pham	Everyone else	Stefan	Coach		Minh Duc Pham		Thu-My
3	2021-11-04		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 relea	Yes	Emilia Kafedzhieva	Everyone else	Stefan	Coach				Anastasiia
8	2021-12-09			Thu-My Huynh	Everyone else	Wei	Coach				Wei
9	2021-12-16			Thu-My Huynh	Everyone else	Yichang	?				
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 retrospective due		Yichang He	Everyone else	Wei					

Product Vision	Project Mission
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.	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

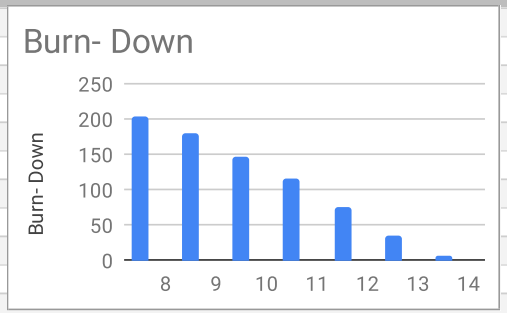
#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down
1	**Team Setup**		no deployable product increment, only organizational tasks					
		agree on team settings						
		initialize team contract						
		design team logo						
		design team T-shirt						
		assign roles						
2	**Project Intial Setup**							
		research and setup project						
		first meeting with industry partner						
		initialize bill of materials						
		brainstorming product features						
		produce overview diagram of runtime components						
		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			15		18	55
			create main page	5		8		
			create request overview	5		5		
			create mockup of calender view	5		5		
		define project package structure						
		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			21		5	37
			create project setting page	5		3		
			create roadmap	8		0		
			advanced working on request overview	8		2		
		research team information						
		research request data						
		research data management						
		finish mid-project release tracking						
6	**Finish Main page**				19		26	11
		finish frontend	Roadmap (#29)	8		13		
			Team Management Screen (#53)	3		3		
		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



#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down
7	**Enable creation of a request**	Additional general settings	Create screen of general settings page (#55)	3	22			203
			BUG: Roadmap has black background (#79)	5				
		Finish pages	Implement functionality to the buttons in Request Overview (#66)	8				
			Change current location of project settings (#68)	3				
			Create first JUnit test (#69)	3				
		First Tests						
8	**Add general settings**	custom general settings	Add issue type Request (#64)	5	34			181
			Create custom fields in general settings (#62)	8				
		Calender	Backend for personnel calender (#82)	8				
		Request Overview	Implement sortable table in Request Overview (#71)	8				
		Teams Mgmt	Create table in DB for teams (#83)	5				
9	**Add project settings**	Test			31			147
			Implement functionality of the "Create Request" Button (#72)	5				
		Project Settings	Create a Test for the Create Request Screen	8				
			Create a Test for the Request Overview Tab	8				
			Implement "enable plugin" in project settings	5				
			Implement "validate the requirements" in the project settings	5				
10	**Team Management**	Project Settings	Implement "repair" in the project settings	8	40			116
		Team Management	Add team management screen	3				
			Implement "create a team"	8				
			Implement "edit a team"	8				
			Define access rights for each user	8				
			Define basic workflow for the Agile Platform (#73)	5				
11	**User Management**	Main page	Implement request status in the calendar	8	40			76
			Implement functionality of the "Manage Teams" Button	8				
			Implement functionality of the "Add Team Members" Button	8				
		User management	Implement user roles	8				
			Implement the relationship between data tables (#67)	5				
			Create Data Dictionary of objects in our database (#65)	3				
12	**Refactoring**	Complete product	Finish Main Page	5	28			36
			Finish Project Settings	5				
			Finish General Settings	5				
			Finish Team Management	5				
				8				
13	**Testing**			8	8			8
		Final Test	Test all features before final release					

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



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	Resolved	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	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
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	Resolved	Team	Gaps in knowledge between team members	- Proper documentation
4	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.
4	In-work	Team	Unsurance about current developement flow. Import of external ressources not easily doable.	- Stefan found a possible solution for this and requested more help from other SDs on the matter. Needs to be prioritized!
4	Resolved	Scrum Master	People going rogue during the team meeting	- Consider reevaluating the team contract. How do you as a team feel about people going rogue mid meeting? -> Communication
5	Resolved	Team	SDs that prefere backend work would like tasks.	
5	In-work	SDs	Undefined User Flow - How the user uses the application. Flow chart requested.	- Team discussed the topic and will proceede from that point on and ask the industry partner about it.
5	Resolved	Release manager	Commits on the same day	Only commits by the day before the teammeeting. 23.59
5	In-work	Release manager	Release manager missing - noone else had a clue.	Make sure someone else is able to do a release.
5	Resolved	Team	How to deal with bonus time during holidays	Prof. Riehle provided some info on this.
6	In-work	PO	Kanban board not updated in time	Make sure to move items on kanban board until. 23.59
6	Created	Team	Irregular Work was not reviewed enough	Assign reviewers to the Kanban Cards

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

\	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		5.00	OK		
Huynh	Thu-My	5					
Kafedzhieva	Emilia	5					
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)		