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

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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

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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		

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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	Thu-My Huynh	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 retrosped	tive due	Yichang He	Everyone else	Wei				
				_						

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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.

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Product Goal

Product Vision	Project Mission

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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

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Mid-Project Release Tracking

#	Thoma	Goal	Feature Name	Est. Size	Est. Size	Real Size	Real Size	Burn- Down
	Theme Team Setup	Joan	i cature indiffe	(Feature)	(Sprint)	(Feature)	(Sprint)	DOWII
•	ream Setup	agree on team settings						
		initialize team contract						
		design team logo						
		design team T-shirt						
		assign roles						
,	Project Intial Setup	assign roles						
	roject milai octup	research and setup project						
		first meeting with industry partner						
		initialize bill of materials						
		brainstorming product features						
		produce overview diagram of runtime	no deployable product increment, only	organizationa	l tasks			
		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						
1	Initialize main page							
		Create the main page of the product			15		18	
			create main page	5		8		
			create request overview	5		5		
			create mockup of calender view	5	5	5		
		define project package structure						
		research accessible data in Jira						
		research user management in Jira						
		agree on definition of done						
		dofino product vicion						
		define product vision						
		define project mission						
5	Further work on main page							
5	Further work on main page				21			
5	Further work on main page	define project mission	create project setting page	5	1	3		
5	Further work on main page	define project mission	create roadmap	8		3		
5	Further work on main page	define project mission continue working on main page						
5	Further work on main page	define project mission  continue working on main page  research team information	create roadmap	8		3		
5	Further work on main page	define project mission continue working on main page	create roadmap	8		3		
5	Further work on main page	define project mission  continue working on main page  research team information research request data research data management	create roadmap	8		3		
5	Further work on main page	define project mission  continue working on main page  research team information research request data	create roadmap	8		3		
5	Further work on main page	define project mission  continue working on main page  research team information research request data research data management	create roadmap	8		3		
	Further work on main page	define project mission  continue working on main page  research team information research request data research data management	create roadmap	8		3		
		define project mission  continue working on main page  research team information research request data research data management	create roadmap	8		3		
		define project mission  continue working on main page  research team information research request data research data management finish mid-project release tracking	create roadmap advanced working on request overview	to be	to be	3 2 to be	to be	
		define project mission  continue working on main page  research team information research request data research data management finish mid-project release tracking	create roadmap	to be estimated	to be estimated	2 to be estimated	to be estimated	
		define project mission  continue working on main page  research team information research request data research data management finish mid-project release tracking	create roadmap advanced working on request overview	to be	to be	3 2 to be	to be	

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Mid-Project Release Tracking

#	Theme	Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)		Burn- Down
			Conoral Settings Dags	to be	to be	to be	to be estimated	
			General Settings Page	estimated	estimated	estimated	estimated	
		intialize backend						
			create tables	to be estimated	to be estimated	to be estimated	to be estimated	
		initialize user, design, and build/deploy documentation						
		create final project release plan						

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Final Project Release Planning

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

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Impediments Backlog

1 F		Source	Impediment	Resolution
	Resolved	Team	Sprint Last Minute Photo-finish	Have additional meetings earlier, have polls specifically early.
2 F	Resolved	Licencing	Copyright licenses / List of Materials	Atlassian licences required + Contact Mr. Riehle and the Industry Partners
2 F	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 F	Resolved	Team	COACH email late	Send emails earlier.
2 F	Resolved	Team	Whole team doesn't always need to be in one place	More splitting up next sprints.
2 F	Resolved	Team	Camera Request	Meetings where everyone is together.
2 li	ln-work	Team	Last Hour Photo-finish	Try to improve more
2 F	Resolved	Team	Task responsibility was defined very late	Pick tasks right after the team meeting
2 lı	ln-work	Industry Partner	Unclearness / slowness of industry partner interactions	Weekly meeting with the industry partners -> On Demand meetings + promise to respond more quickly
3 lr	ln-work	Team	Unceartanty as to what the industry partner wants	US, more interactions with the Industry partners, trust the process
3 F	Resolved	Team	Gaps in knowledge between team members	- Proper documentation
4 C	Created	PO	Issue creation quite hard in terms of estimated size.	
4 C	Created	Team	Unclear Atlassian documentation !!	
4 (	Created	Team	Unsurance about current developement flow. Import of external ressources not easily doable.	
4 (	Created	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?

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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
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		

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Documentation

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

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Bill of Materials

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.j</u> sr311-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	

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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)	