| Project Name | amos2022ss02-audit-chain |
|-------------------------------|--|
| | |
| Online team meeting | https://fau.zoom.us/j/63420352046?pwd=TEITeFZoTDFXNVRYUWVCR1ZpQmVPdz09 |
| Production system (if any) | |
| Test system (if any) | |
| Citi lub mana aitam. | https://sithush.com/spacespaci/spaces20020sc02.com/sit-ahain |
| GitHub repository | https://github.com/amosproj/amos2022ss02-audit-chain |
| GitHub kanban board (project) | https://github.com/amosproj/amos2022ss02-audit-chain/projects |
| Team T-shirt (white) | https://www.shirtinator.de/loadBasket/1CxTZ1RYcrz |
| Team T-shirt (black) | https://www.shirtinator.de/loadBasket/1CxTZ1RYcrz |
| Additional materials | https://drive.google.com/drive/folders/1Hf5l4I0L0jxXnNfANrMft7RYdwUBlvr4?usp=sharing |
| Additional materials | Interpretating |
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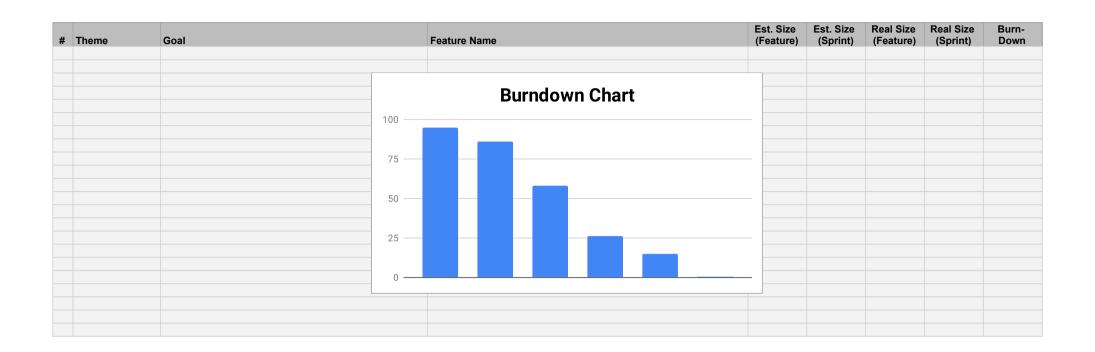
| Last Name | First Name | GitHub User Name | Email Address |
|------------|------------------|--------------------|-----------------------------|
| Schmidt | David | Lavicola | david.dav.schmidt@fau.de |
| Shanabhag | Gajanana | gdshanbhag | gajanana.shanabhag@fau.de |
| Mazzini | Francesco | francescomazzini | francesco.mazzini@fau.de |
| Linkies | Sebastian | jaRulez | sebastian.linkies@fau.de |
| Papadaki | Anastasia | annipap | anastasia.p.papadaki@fau.de |
| Rehm | Ronja | ronjarehm | ronja.rehm@fau.de |
| Khalid | Muhammad Ibrahim | ibs337 | ibrahim.khalid@fau.de |
| Srikhaolan | Charinee | CharineeSrikhaolan | Charinee.Srikhaolan@fau.de |
| D'Ercoli | Chiara | cdercoli | chiara.dercoli@fau.de |
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| Signature | Sebastian Linkies, Ronja Rehm, David Schmidt, Gajanana Shanabhag, Francesco Mazzini, Anastasia Papadaki, Ibrahim Khalid, Khaled Saifullah, Charinee Srikhaolan |
|-------------------------|---|
| General Norms | Always be kind, respect each other and discuss problems openly. Ask for if assistance of Prof. Riehle if neccessary. |
| Sanctions | Recurring laxity in commitment of a team member have to be discussed in the team and the Scrum master tries to motivate the team member. In case of continous decline, we contact the assistants of Prof. Riehle. For acceptable excuses, it is encouraged to notify beforehand any problems are faced. |
| Rewards | Going out for a beer and making each other compliments. |
| Cont. improvement norms | The team progress is tracked how efficiently the team breaks down problems into tasks and if the team is able to solve all issues in the sprint session. SD's giving each other construtive feedback, if there is a more efficient solution or coding style. In case of good team collaboration (Happiness index) and productive working atmosphere we will go out for a beer. |
| Consideration norms | In case of disagreements the team discusses openly but objectively, all opinions are welcome. The majority of votes has to be made upon the impact of the decision and the urgency, in case of not achieving a compromiss the Scrum master needs to be contacted. |
| Communication norms | The sprint sessions on wednesday will be held in Zoom. Apart from our regular meeting, the team communicates via Discord, which has to be checked regularly - the response time should be within 24 hours. Personal communication, in case of urgent matters, is always be possible. Our internal files platform will be a Google Drive folder. |
| Coordination norms | The Scrum Master has the role of the moderator and support the team in lead us through the agenda of our meetings, the roles of Scrum, approach interpersonal problems and help us to deliver required artifacts on time. The Release manager is responsible for the technical part of every sprint - the software developers agree on the Release manager every sprint. |
| Working norms | Team members should discuss objectively and decisions have to be made unanimously. Overall attendance have to above > 80% and team members have to be punctual (not later than 5 minutes!). Criticism should be formulated in a constructive manner and and in case of different opinions, a compriss have to be find. We stick to our definded coding guidelines, our sprint sessions are conducted regarding to the SCRUM rules and in case of major changes in code we will notify all software developers. If team member face troubles with each others, the team is expected to support the individuals and find a solution, which fit to their opinions. |
| Meeting norms | Mandatory team meeting time is on wednesday at 12.30 for our sprint session, which takes 90 minutes. Additionally, we will meet weekly our industry partner to discuss our progress and requirements and meeting eventually a second time per week if required. |
| Goals | Learning objectives: Gaining knowledge about agile methods and continous improvement of required skill set (i.e. coding). Moreover, interpersonal relationships are also an important objective. To meet all team members with respect and working a focused but pleasure working atmosphere. Finally, we aim to achieve our defined project goals and work closely and efficient with our industry partner. |

| # | Meeting Day | Uni | Comment | Product Owner | Software Developer | Release Manager | Scrum Master |
|----|-------------|-----|---------------|---------------------------------|--------------------|-------------------------|---------------------|
| 1 | 2022-04-27 | | | Ronja Rehm Sebastian Linkies | Everyone else | N/A | Charinee Srikhaolan |
| 2 | 2022-05-04 | | | Ronja Rehm Sebastian Linkies | Everyone else | Anastasia Papadaki | Charinee Srikhaolan |
| 3 | 2022-05-11 | Yes | | Ronja Rehm Sebastian Linkies | Everyone else | Gajanana Shanabhag | Charinee Srikhaolan |
| 4 | 2022-05-18 | | | Ronja Rehm Sebastian Linkies | Everyone else | Francesco Mazzini | Charinee Srikhaolan |
| 5 | 2022-05-25 | Yes | | Ronja Rehm Sebastian Linkies | Everyone else | Francesco Mazzini | Charinee Srikhaolan |
| 6 | 2022-06-01 | | | Ronja Rehm Sebastian Linkies | Everyone else | Gajanana Shanabhag | Charinee Srikhaolan |
| 7 | 2022-06-08 | Yes | Mid-term due | Ronja Rehm Sebastian Linkies | Everyone else | Anastasia Papadaki | Charinee Srikhaolan |
| 8 | 2022-06-15 | | | Ronja Rehm Sebastian Linkies | Everyone else | Muhammad Ibrahim Khalid | Charinee Srikhaolan |
| 9 | 2022-06-22 | | | Ronja Rehm Sebastian Linkies | Everyone else | Francesco Mazzini | Charinee Srikhaolan |
| 10 | 2022-06-29 | Yes | | Ronja Rehm Sebastian Linkies | Everyone else | Chiara D'Ercoli | Charinee Srikhaolan |
| 11 | 2022-07-06 | | | Ronja Rehm Sebastian Linkies | Everyone else | Anastasia Papadaki | Charinee Srikhaolan |
| 12 | 2022-07-13 | | | Ronja Rehm Sebastian Linkies | Everyone else | Chiara D'Ercoli | Charinee Srikhaolan |
| 13 | 2022-07-20 | Yes | | Ronja Rehm Sebastian Linkies | Everyone else | Anastasia Papadaki | Charinee Srikhaolan |
| 14 | 2022-07-27 | | Demo day! | Ronja Rehm Sebastian Linkies | Everyone else | Anastasia Papadaki | Charinee Srikhaolan |
| 15 | 2022-08-03 | | Retrospective | Ronja Rehm Sebastian Linkies | Everyone else | Anastasia Papadaki | Charinee Srikhaolan |
| | | | • | | • | , | |
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| Product Vision | Project Mission |
|--|--|
| The long-term goal of our project is to develop a new middleware based on blockchain data structures to guarantee the unchanged, compliant, in sequence, fault tolerant and buffered data flow between any kind of producers and consumers. Events of all kind (i.e. loT or file systems) are meant to be transmitted securely via the network to enhance the security for end users through tamper-proof events that can be transmitted without any losses. | The mission is to deliver a MVP of a audit-proof recording of file system events to Grau Data. For this purpose there is a central event queue, which receives events from a producer and provides them a consumer, which is built on a underlying |
| | |

| # | Theme | Goal | Feature Name | Est. Size (Feature) | Est. Size (Sprint) | Real Size (Feature) | Real Size (Sprint) | Burn- Down |
|---|---------------|--|--|------------------------|-----------------------|------------------------|-----------------------|---------------|
| | Total | | | | 92 | | 95 | 95 |
| 1 | Initial Setup | | | | 9 | | 9 | 86 |
| | | Conductive administrative tasks and initiate project | | | | | | |
| | | , | Preparing Team Contract | 2 | | 2 | | |
| | | | Meeting with Industry Partner | 1 | | 1 | | |
| | | | Design Team Logo and T-Shirt | 1 | | 1 | | |
| | | | Organizing Release managers and discussing programming | | | | | |
| | | | experience | 1 | | 1 | | |
| | | | Discussing communication strategy and preferred programming | | | | | |
| | | | language | 2 | | 2 | | |
| | | | Create branch strategy in GitHub | 2 | | 2 | | |
| | | | | | | | | |
| 2 | Fundamentals | | | | 26 | | 28 | 58 |
| | | Programming prototypes of software components | | | | | | |
| | | | Creating Software Architecture | 3 | | 5 | | |
| | | | Programm Consumer Prototype | 5 | | 5 | | |
| | | | Programm Producer Dummy in Java | 3 | | 3 | | |
| | | | Programm Producer Dummy in Python | 3 | | 3 | | |
| | | | Setup RabbitMQ as Event Queue | 3 | | 3 | | |
| | | | Research of suitable Blockchain technology | 8 | | 8 | | |
| | | | Provide Bill of Materials | 1 | | 1 | | |
| | | | | | | | | |
| ; | Refinements | | | | 31 | | 32 | 26 |
| | | Evaluating message flow and refinement of software | | | <u> </u> | | <u> </u> | |
| | | components | | | | | | |
| | | | Facilitate to aggregate messages to one data package | 3 | | 5 | | |
| | | | Integrating Blockchain data structure in Consumer Dummy | 5 | | 5 | | |
| | | | Recovering of missing data in Producer Dummy | 5 | | 3 | | |
| | | | Evaluate secure data sources for Producer Dummy | 2 | | 3 | | |
| | | | Revising Blockchain | 3 | | 3 | | |
| | | | Check for message integrity | 5 | | 5 | | |
| | | | Creating message acknowledgement for Producer Dummy | 8 | | 8 | | |
| | | | | | | | | |
| | Testing | | | | | | | |
| | | Creating Unit Tests for software components | | | 11 | | 11 | 15 |
| | | or outing out roots for dollars domponents | JUnit Test for Producer Dummy | 5 | | 5 | | |
| | | | JUnit Test for Consumer Dummy | 3 | | 3 | | |
| | | | JUnit Test for Blockchain | 3 | | 3 | | |
| | | | DOTHE TOSE FOR BROKENIUM | | | - 0 | | |
| | Documentation | | | | | | | |
| | Documentation | Creating documentation for software components | | | 15 | | 15 | 0 |
| | | oreating documentation for software components | Create documentation for repository | 8 | 13 | 8 | 13 | U |
| | | | Create documentation for Producer Dummy | 2 | | 2 | | |
| | | | Create documentation for Producer Dummy Create documentation for Consumer Dummy | 2 | | 2 | | |
| | | | Create documentation for Blockchain | 3 | | 3 | | |
| | | | Greate documentation for blockchain | 3 | | 3 | | |
| | | | | | | | | |
| | | | | | | | | |



| Total 6 Refactoring Refactoring Project code 7 Testing Testing Project Code 8 GUI implement GUI 9 Blockchain extend fundamental Blockcl 10 Consumer Dummy extend fundamental Consumplement functions 11 RabbitMQ implement functions 12 Whole System improve the code by unifying add features | Fe | ature Name | Est. Size (Feature) | Est. Size (Sprint) | Real Size (Feature) | Real Size (Sprint) | Burn- Down |
|--|--------|--|---------------------|-----------------------|------------------------|-----------------------|---------------|
| Refactoring Project code 7 Testing Testing Project Code 8 GUI implement GUI 9 Blockchain extend fundamental Blockcl 10 Consumer Dummy extend fundamental Consumplement functions 11 RabbitMQ implement functions 12 Whole System improve the code by unifyin | | | | 119 | | 111 | 11 |
| 7 Testing Testing Project Code 8 GUI implement GUI 9 Blockchain extend fundamental Blockcl 10 Consumer Dummy extend fundamental Consumate implement functions 11 RabbitMQ implement functions 12 Whole System improve the code by unifyin | | | | | | | |
| Testing Project Code Blockchain Blockchain Extend fundamental Blockcl Consumer Dummy extend fundamental Consumental Functions In RabbitMQ implement functions In Producer Dummy | | | | 11 | | 9 | 10 |
| Testing Project Code Blockchain Blockchain Extend fundamental Blockcl Consumer Dummy extend fundamental Consumental Functions In RabbitMQ implement functions In Producer Dummy | Re | efactoring code for Producer Dummy | 5 | | 3 | | |
| Testing Project Code Boul implement GUI Blockchain extend fundamental Blockcl Consumer Dummy extend fundamental Consumental RabbitMQ implement functions Whole System improve the code by unifyin | Re | efactoring code for Consumer Dummy | 2 | | 2 | | |
| Testing Project Code Boul implement GUI Blockchain extend fundamental Blockcl Consumer Dummy extend fundamental Consumate In Internations RabbitMQ implement functions Whole System improve the code by unifyin | Re | efactoring code for Blockchain | 2 | | 2 | | |
| Testing Project Code Boul implement GUI Blockchain extend fundamental Blockcl Consumer Dummy extend fundamental Consumate In Internations RabbitMQ implement functions Whole System improve the code by unifyin | Fiz | bugs on RabbitMQ | 2 | | 2 | | |
| Testing Project Code Blockchain Blockchain Extend fundamental Blockcl Consumer Dummy extend fundamental Consumental Functions In RabbitMQ implement functions In Producer Dummy | | | | | | | |
| Testing Project Code Blockchain Blockchain Extend fundamental Blockcl Consumer Dummy extend fundamental Consumental Functions In RabbitMQ implement functions In Producer Dummy | | | | | | | |
| Blockchain Consumer Dummy extend fundamental Blockcl extend fundamental Consumer Dummy extend fundamental Consumer Dummy extend fundamental Consumer Dummy implement functions Whole System improve the code by unifyin | | | | _ | | _ | _ |
| implement GUI Blockchain extend fundamental Blockcl consumer Dummy extend fundamental Consumental Consumental Functions implement functions implement functions improve the code by unifying producer Dummy | | | | 7 | | 7 | 9 |
| implement GUI Blockchain extend fundamental Blockcl consumer Dummy extend fundamental Consumental Consumental Functions mplement functions whole System improve the code by unifying Producer Dummy | | proving Test Coverage Consumer Dummy | 2 | | 2 | | |
| 9 Blockchain extend fundamental Blockcl 10 Consumer Dummy extend fundamental Consumental RabbitMQ implement functions 11 Whole System improve the code by unifying the code by un | JU | Init Test Producer Dummy | 5 | | 5 | | |
| implement GUI Blockchain extend fundamental Blockcl consumer Dummy extend fundamental Consumental Consumental Functions implement functions implement functions improve the code by unifyin producer Dummy | | | | 16 | | 15 | 8 |
| Blockchain extend fundamental Blockcl consumer Dummy extend fundamental Consumental Consumental Extend fundamental Consumental Consumental Extend fundamental Extend fundamental Blockcl implement fundamental Extend fundamental Consumental Extend fundamental Consumental Extend fundamental Consumental Extend fundamental Extend fundamenta | De | esign GUI | 5 | 10 | 5 | 13 | C |
| extend fundamental Blockol Consumer Dummy extend fundamental Consumer Dummy extend fundamental Consumer Dummy implement functions Whole System improve the code by unifyin 3 Producer Dummy | | gic for GUI | 5 | | 5 | | |
| extend fundamental Blockol Consumer Dummy extend fundamental Consumer Dummy extend fundamental Consumer Dummy implement functions Whole System improve the code by unifyin 3 Producer Dummy | | plement methods for the GUI client | 3 | | 2 | | |
| extend fundamental Blockol Consumer Dummy extend fundamental Consumer Dummy extend fundamental Consumer Dummy implement functions Whole System improve the code by unifyin 3 Producer Dummy | | JI itself | 3 | | 3 | | |
| extend fundamental Blockol Consumer Dummy extend fundamental Consum textend fundamental Consum implement functions Whole System improve the code by unifyin 3 Producer Dummy | | JI NGCII | 3 | | 3 | | |
| extend fundamental Consur extend fundamental Consur extend fundamental Consur implement functions improve the code by unifyin improve the code by unifyin | chain | | | 12 | | 15 | 6 |
| extend fundamental Consur 11 RabbitMQ implement functions 12 Whole System improve the code by unifyin 3 Producer Dummy | | rsistate Blockchain in files | 5 | | 5 | 13 | U |
| extend fundamental Consur RabbitMQ implement functions Whole System improve the code by unifyin Producer Dummy | | ange storage behavior of Blockchain | 5 | | 5 | | |
| extend fundamental Consur RabbitMQ implement functions Whole System improve the code by unifyin Producer Dummy | | timize Blockchain search time | 2 | | 5 | | |
| extend fundamental Consur RabbitMQ implement functions Whole System improve the code by unifyin Producer Dummy | Op. | unize blockchain Search unie | 2 | | 3 | | |
| implement functions Whole System improve the code by unifyin Producer Dummy | | | | | | | |
| implement functions Whole System improve the code by unifyin Producer Dummy | | | | 12 | | 7 | 5 |
| implement functions Whole System improve the code by unifyin Producer Dummy | E | tend Consumer Dummy: Acknowledgement | 2 | | 2 | | |
| implement functions Whole System improve the code by unifyin Producer Dummy | | evise Consumer Dummy with Blockchain | 5 | | 3 | | |
| implement functions Whole System improve the code by unifyin Producer Dummy | W | rite Recovery Method/Logic for (Stream)Consumer | 5 | | 2 | | |
| Whole System improve the code by unifyin Producer Dummy | | | | | | | |
| improve the code by unifyin Producer Dummy | | | | 8 | | 7 | 5 |
| improve the code by unifyin Producer Dummy | | neck for data replication in RabbitMQ | 3 | | 2 | | |
| improve the code by unifyin Producer Dummy | Ct | necking RabbitMQ message flow | 5 | | 5 | | |
| improve the code by unifyin Producer Dummy | | | | 16 | | 12 | 3 |
| 13 Producer Dummy | na I c | ok over code and check consistency | 3 | | 3 | 12 | |
| | | oncurrent Communication Consumer Dummy with RabbitMQ and GUI | 5 | | 2 | | |
| | W | rite method for Consumer Dummy to Blockchain | 2 | | 1 | | |
| | | rameterize Main Consumer/Producer/Blockchain | 5 | | 5 | | |
| | | nal Testing | 1 | | 1 | | |
| | | | | | | | |
| 222.73333.73 | | | | 5 | | 8 | 3 |
| | cn | eating dynamic messages with data generator | 2 | | 3 | J | |
| | Ar | alyse and Refactor AggregateMessage: as Vektor maybe | 3 | | 5 | | |
| | | | | | | | |

| Theme | Goal | | Feature Name | Est. Size (Feature) | Est. Size (Sprint) | Real Size (Feature) | Real Size (Sprint) | Burn- Down |
|-------|------|------|--|------------------------|-----------------------|------------------------|-----------------------|---------------|
| | | | Update Documentation | 1 | | 2 | | |
| | | | Add documenation for User | 3 | | 1 | | |
| | | | Update Documentation | 2 | | 2 | | |
| | | | Create JAR for execution purpose | 2 | | 1 | | |
| | | | Update Github Repo + Description | 2 | | 2 | | |
| | | | Discuss and create One-Slide-Summary & presentation for Demo Day | 5 | | 5 | | |
| | | | Update and check all the documentations | 8 | | 8 | | |
| | | | Demo Day Preparation slides & video | 8 | | 8 | | |
| | | | Update Software Architecture Doc | 1 | | 1 | | |
| | | | | | | | | |
| | | | Burndown Chart | | | | | |
| | | 125 | | | | | | |
| | | 100 | | | | | | |
| | | 75 — | | | | | | |
| | | 50 — | | | | | | |
| | | 25 — | | | | | | |
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| Term | Definition |
|--------------------------|---|
| Agile | Teams work in agile iterative cycles, or sprints, and then reassemble frequently to review and adjust their work. By using agile methodologies, you are encouraged to receive frequent feedback and are able to change priorities quickly. |
| Acceptance Criteria | Acceptance Criteria gives us a clear understanding of what our client needs, so we can reference this against every iteration we deploy. |
| Awaiting Review | It means when one task is finished and the responsible person will show its work during the meeting. After the presentation, the person must say if the estimated size of the task (that was decided during Planning Poker) is the same or not. |
| Blockchain | Blockchain is a system of recording information in a way that makes it difficult or impossible to change, hack, or cheat the system. |
| Bill of materials | A bill of materials (BOM) is a complete list of the materials needed to build a product. |
| Consummer Dummy | It is a program which "communicates" with the rabbitMQ (Middleware) in order to receive messages |
| Definition of Done (DoD) | The Definition of Done describes the list of requirements that the team agrees must be met to consider a user story or other backlog item complete. |
| Docker Engine | Docker is for isolation of an application using containers. |
| Docker CLI | It is the Command Line Interface using Docker. |
| Documentation | For a software company, documentation refers to information either embedded in the product or published documentation. It describes what the app does, how it works, and other essential details. |
| Feature Board | It helps organised our work by creating new futures, checking which are done or not. |
| Feature | Features are a product's traits or attributes that deliver value to end-users and differentiate a product in the market. |
| Git | Git is a distributed version control system with the aim to help our group to develop the software together. |
| GUI | A graphics-based operating system interface that uses icons, menus and a mouse (to click on the icon or pull down the menus) to manage interaction with the system. |
| Impediments Backlog | It is a simple list of things, actions and impediments that cause waste in the organization. |
| In progress | refers to the work items the Scrum Team has started but has not yet. finished |
| Java | Java is an object-oriented programming language which consists of a development tool for creating code and a runtime environment to run code |
| Maven | We use Maven for having a report of the test coverage and aplugin to the maven project of the producer dummy to auto generate the javadoc |
| Planning Poker | Planning poker (also called Scrum poker) helps agile teams estimate the time and effort needed to complete each initiative on their product backlog. The name from this gamified technique is planning poker because participants use physical cards. |
| Product Backlog | A product backlog is a prioritized list of work for the development team that is derived from the roadmap and its requirements. The most important items are shown at the top of the product backlog so the team knows what to deliver first. |
| Producer dummy | It operates through the dependencies among its 3 sub-components database, data generator, and persistence mechanism (storage buffer). When the producer dummy is triggered, the data generator catches data events (message) from the database and then forwards it to the client session and persistence mechanism. |
| Producer owner | The role of a product owner has taken on many different and conflicting definitions. |
| Project Manager | A project manager is responsible for executing an initiative. Initially, they are responsible for ideation. It is then their responsibility to coordinate components and budgets. The final step is to manage these components until they are delivered. However, PMs aren't involved in choosing which projects to pursue or they do not directly manage most of the resources involved in execution. However, they are ultimately responsible for implementing and delivering the project successfully. |
| RabbitMQ (Event Queue) | An open source message broker software. |
| Release Plan | A release plan is a tactical document designed to capture and track the features planned for an upcoming release. |

| Term | Definition |
|-----------------------|--|
| Retrospective | A retrospective is a meeting held after a product ships to discuss what happened during the product development and release process, with the goal of improving things in the future based on those learnings and conversations. |
| Scrum | It is a framework used within Agile software development that emphasizes flexibility and gives engineers and developers a great deal of autonomy in solving problems without rigorous instruction. |
| Scrum Agile Framework | Typically the Scrum agile framework favors moving projects forward via short-term blocks of work called sprints, which are usually confined to two-week intervals. |
| Sprint | A sprint is a period (in our case was 7 days) in which an agreed-upon set of development tasks takes place. |
| Sprint Backlog | A sprint backlog is the set of items that a cross-functional product team selects from its product backlog to work on during the upcoming sprint. |
| Sprint Goal | In the scrum methodology for agile, sprint goals are clear objectives set before the beginning of a sprint. They are set by the product owner and delivery team collaboratively. Sprint goals should be easy to measure and should convey the underlying objective of the items in the sprint backlog. |
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| ŧ | Feature Definition of Done | Sprint Release Definition of Done | Project Release Definition of Done |
|---|--|--|--|
| | Feature Code Review has been completed and passed | Feature Code Review has been completed and passed | Feature Code Review has been completed and passed |
| | a) Code is completly implemented | a) Code is completly implemented | a) Code is completly implemented |
| | b) Code is structured according to our coding guidelines and commented | b) Code is structured according to our coding guidelines and commented | b) Code is structured according to our coding guidelines and commented |
| | c) Code is checked into repository | c) Code is checked into repository | c) Code is checked into repository |
| | d) Documentation is updated | d) Documentation is updated | d) Documentation is updated |
| 2 | Cleanliness of Code | Cleanliness of Code | Cleanliness of Code |
| 3 | JUnit Tests have been written and passed (if required) | JUnit Tests have been written and passed (if required) | JUnit Tests have been written and passed (if required |
| 4 | No critical bugs are open | All known bugs are fixed | All known bugs are fixed |
| 5 | Feature branch has been tagged and merged | Code has been inclued into the release (candidate) | Software prototype passes external review |
| | Feature Code has been included into the release (candidate) | | User documentation passes external review |
| 7 | Product Owners accept Feature | | Developer documentation is available |
| 8 | Code Coverage: | Code Coverage: | Code Coverage: |
| | 60% for Features | 70% for Sprint Release | 80% for Product Release |
| | | | |
| | | | |
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| Туре | Link / reference |
|---------------------------------|--|
| Main repository | https://github.com/amosproj/amos2022ss02-audit-chain |
| Blockchain | https://github.com/amosproj/amos2022ss02-audit-chain/blob/main/Documentation/Blockchain/Documentation.md |
| Branching strategy for Git.docx | https://github.com/amosproj/amos2022ss02-audit-chain/blob/main/Branching_Strategy_Documentation/Branching%20strategy%20for%200 |
| Deliverables | https://github.com/amosproj/amos2022ss02-audit-chain/tree/main/Deliverables |
| DocumentationForUser.docx | https://github.com/amosproj/amos2022ss02-audit-chain/blob/main/Documentation/DocumentationForUser.docx |
| RabbitMQ installation | https://github.com/amosproj/amos2022ss02-audit-chain/tree/main/Documentation/Middleware |
| <u>README</u> | https://github.com/amosproj/amos2022ss02-audit-chain/blob/main/README.md |
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| Context | Name | Version | License | Comment | | |
|------------------------|------------------|----------------|---------|---|--|--|
| Backend | Python | 3.10.4 | MIT | software is programmed in python | | |
| Backend | Java | 8.0 Update 333 | MIT | second Producer Dummy | | |
| Message Broker | RabbitMQ | 3.10.0 | MIT | implements Advanced Message Queuing Protoco | | |
| Virtualisierung | Docker | | | Docker Cluster due to effective ressource management implemented | | |
| | | | | A directory where all the project jars, library jar, | | |
| Virtualisierung | Maven Repository | | | plugins or any other project specific artifacts are stored and can be used by Maven easily. | | |
| type of user interface | GUI | | | A graphics-based operating system interface that uses icons, menus and a mouse (to click on the icon or pull down the menus) to manage interaction with the system. | | |
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| Last Name | First Name | | | | |
|-----------|-------------------------|---|------|------------------|--|
| Schmidt | David | 1 | | | |
| Shanabhag | Gajanana | 1 | 1.00 | OK | |
| Mazzini | Francesco | 1 | 1.00 | UN | |
| Papadaki | Anastasia | 1 | | | |
| D'Ercoli | Chiara | 1 | 0 | No size | |
| Khalid | Muhammad Ibrahim | 1 | 1 | Trivial size | |
| | | | 2 | Small size | |
| | | | 3 | Medium size | |
| | | | 5 | Large size | |
| | | | 8 | Very large size | |
| | | | 13 | Too large (size) | |
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