

Agile meets Security - Weekly recording of activities⁽⁰⁾

Team name:

GitGuardians

Name team member A:

Karnavat, Aadit

Name team member B:

Farag, Beshoy

Name team member C:

Guardiola, Antonio Huesa

Name team member D:

Name team member E:

Link to the backlogs:

<https://agilesecgitguardians.atlassian.net/jira/core/pr>

Link to the documentation:

Link to the Gitlab project:

<https://lv-gitlab.intern.th-ab.de/agilesec2025/team14>

Sprint 1, Week 1 - Wednesday, 23.4.2025 to Tuesday, 29.4.2025

During this week

team members have contributed 100% of the exp

During this week

team members have contributed >100% of the ex

During this week

team members have contributed <100% of the ex

#	Description of the activity
1	Research how to implement CI/CD on GitLab
2	Set up GitLab CI/CD Runner
3	Install GitLab Runner (target: Ubuntu VM)

4	Research appropriate tech stack for CI/CD + security tools
5	Virtual Machine configuration
6	Install Docker Engine on VM
7	. Create Dockerfiles for containerization
8	Search GitLab Server Access / Authentication
9	

Sprint 1, Week 2 - Wednesday, 30.4.2025 to Tuesday, 6.5.2025

During this week

During this week

During this week

team members have contributed 100% of the exp

team members have contributed >100% of the ex

team members have contributed <100% of the ex

#	Description of the activity
1	Research for Acceptance Criteria
2	Research for Defination of done
3	checking the commands and tools required for the CI/CD pipeline of the todolist app
4	research on ubuntu VM
5	Configure properly the gitlab-runner in the VM
6	Replace base Images with custom Images for future security tools implementation
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Sprint 2, Week 1 - Wednesday, 7.5.2025 to Tuesday, 13.5.2025

During this week

During this week

During this week

3 team members have contributed 100% of the exp

team members have contributed >100% of the ex

0 team members have contributed <100% of the ex

#	Description of the activity
1	Backlog refinement
2	Acceptance Criteria
3	DoD
4	Story: As a Security Champion, I want to fix 3 selected vulnerabilities in the Juice Shop and document the fixes according to secure coding guidelines.

5	Story: As a Security Champion, I want to research and test if these vulnerabilities can be automatically detected using SAST tools like Semgrep.
6	Story: As a Security Champion, I want to contribute to the Secure Coding Checklist so developers can avoid these vulnerabilities in future.
7	Story: As a DevOps engineer, I want to learn about the chosen container scanning tool for further implementation in our CI/CD pipelines
8	Story: As a DevOps engineer, I want to research which container scanner tool fits better our use case
9	Story: As a DevOps engineer, I want to implement the container scanning tool to our CI/CD pipelines
10	Story: As a DevOps, I want to choose the most appropriate SAST tool based on the projects needs
11	Story: As a DevOps engineer, I want to learn about the chosen SAST tool for further implementation in our CI/CD pipelines

Sprint 2, Week 2 - Wednesday, 14.5.2025 to Tuesday, 20.5.2025

During this week
During this week
During this week

team members have contributed 100% of the exp
team members have contributed >100% of the ex
team members have contributed <100% of the ex

#	Description of the activity
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Sprint 3, Week 1 - Wednesday, 21.5.2025 to Tuesday, 27.5.2025

During this week

During this week

During this week

team members have contributed 100% of the exp
team members have contributed >100% of the ex
team members have contributed <100% of the ex

#	Description of the activity
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Sprint 3, Week 2 - Wednesday, 28.5.2025 to Tuesday, 3.6.2025

During this week

During this week

During this week

team members have contributed 100% of the exp
team members have contributed >100% of the ex
team members have contributed <100% of the ex

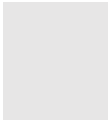
#	Description of the activity
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Sprint 4, Week 1 - Wednesday, 4.6.2025 to Tuesday, 10.6.2025

During this week

During this week

During this week



team members have contributed 100% of the exp

team members have contributed >100% of the ex

team members have contributed <100% of the ex

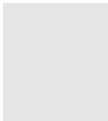
#	Description of the activity
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Sprint 4, Week 2 - Wednesday, 11.6.2025 to Tuesday, 17.6.2025

During this week

During this week

During this week



team members have contributed 100% of the exp

team members have contributed >100% of the ex

team members have contributed <100% of the ex

#	Description of the activity
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Sprint 5, Week 1 - Wednesday, 18.6.2025 to Tuesday, 24.6.2025

During this week

During this week

During this week

team members have contributed 100% of the exp
team members have contributed >100% of the ex
team members have contributed <100% of the ex

#	Description of the activity
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Sprint 5, Week 2 - Wednesday, 25.6.2025 to Tuesday, 1.7.2025

During this week

During this week

During this week

team members have contributed 100% of the exp
team members have contributed >100% of the ex
team members have contributed <100% of the ex

#	Description of the activity
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[/gitlab-profile](#)

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(2) Enter the duration to the i

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What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity ⁽²⁾
As a DevOps engineer, I	1.0
As a DevOps engineer, I want to configure a GitLab Runner for our projects, so that pipelines can automatically execute build and deploy jobs.	1.5
As a system administrator, I want to install and register GitLab Runner on our Ubuntu VM, so that jobs can be run in a controlled, self-hosted environment.	0.5

As a solution architect, I want to evaluate and choose the right tools (CI/CD, scanners, container engine), so that our pipeline is compatible, scalable, and secure.	0.5
As a system admin, I want to configure a VM with required packages and networking, so that it can host Docker containers and GitLab Runner securely.	1.0
As a DevOps engineer, I want to install Docker on our VM, so that I can use containers to deploy apps and run security scans in isolated environments.	0.5
As a developer, I want to write Dockerfiles for the Todo App and Juice Shop, so that they can be built and deployed in consistent container environments.	0.5
As a DevOps engineer, I want to verify and set up access to the GitLab server, so that our runner can securely connect and pull repositories to execute CI/CD jobs.	1.0
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What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity ⁽²⁾
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pected time.

pected time.

What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity ⁽²⁾
	3.0
	1.5
	1.5
	2.0

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	1.0
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	1.0
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pected time.

What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity⁽²⁾
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Sum	0.0

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What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity⁽²⁾
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Sum	0.0

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What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity⁽²⁾
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Sum	0.0

ected time⁽¹⁾.

pected time.

pected time.

What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity⁽²⁾
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Sum	0.0

ected time⁽¹⁾.

pected time.

pected time.

What were the reasons for falling below 100%:

[illegible]

0.0

pected time.

What were the reasons for falling below 100%:

respective user story- or task-ID	Duration of the activity⁽²⁾
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Sum	0.0

pected time.

What were the reasons for falling below 100%:

[illegible]

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Sum	0.0

updated weekly. The current version must be submitted by the Scrum Master in Moodle on Tuesday eve

lack of communication

ning.