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 | | 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 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
7	
8	
9	

Sprint 2, Week 1 - Wednesday, 7.5.2025 to Tuesday, 13.5.2025

During this week | 3 | team members have contributed 100% of the exp
During this week | | team members have contributed >100% of the ex
During this week | 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 scannning 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 appropiate 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	3	team members have contributed 100% of the exp
During this week		team members have contributed >100% of the ex
During this week	0	team members have contributed <100% of the ex

#	Description of the activity
1	Research and learn the chosen scanning tool
2	implement the scanning tool
3	research and learn the fuzzing tool
4	implement the fuzzing tool
5	Implement the SAST tool and get report
6	Documentation
7	Weekly Scrum + Project extra planning
8	Research dependency scanning and learn how to use Dependency check and generate reports
9	Run dependency scan on Todo List app and analyze results

10	Format and prepare the data for dashboard integration	
11	Reasearch the DAST	

Sprint 3, Week 1 - Wednesday, 21.5.2025 to Tuesday, 27.5.2025

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	
2	
3	
4	
5	
6	
7	
8	
9	

Sprint 3, Week 2 - Wednesday, 28.5.2025 to Tuesday, 3.6.2025

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	
2	
3	
4	
5	
6	
7	

8	
9	

Sprint 4, Week 1 - Wednesday, 4.6.2025 to Tuesday, 10.6.2025

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	
2	
3	
4	
5	
6	
7	
8	
9	

Sprint 4, Week 2 - Wednesday, 11.6.2025 to Tuesday, 17.6.2025

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	
2	
3	
4	
5	
6	

#	
7	
8	
9	

Sprint 5, Week 1 - Wednesday, 18.6.2025 to Tuesday, 24.6.2025

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	
2	
3	
4	
5	
6	
7	
8	
9	

Sprint 5, Week 2 - Wednesday, 25.6.2025 to Tuesday, 1.7.2025

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	
2	
3	
4	
5	

6	
7	
8	
9	

ojects/AG/list?sortBy=labels&direction=ASC

/gitlab-profile

(0) This document must be u
(1) The time expected to be
(2) Enter the duration to the

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]
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
	0.0
	0.0
	0.0

	Sum	6.5

---

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]
	1.0
	1.0
	1.5
	1.0
	0.5
	1.0
	0.0
	0.0
	0.0
	0.0
	0.0
Sum	6.0

---

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]
	3.0
	1.5
	1.5
	2.0

	1.5
	1.0
	0.5
	1.0
	1.0
	1.5
	1.0
Sum	15.5

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]
AG-53	6.0
Ag-53	5.0
AG-56	8.0
AG-56	4.0
AG-42	5.5
	4.0
	2.5
AG-62	5.0
AG-62	5.0

AG-62	3.0
yet to be decided	6.0
Sum	54.0

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]
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
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]
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0

		0.0
		0.0
		0.0
		0.0
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]
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
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]
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0

	0.0
	0.0
	0.0
	0.0
	0.0
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]
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
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]
	0.0
	0.0
	0.0
	0.0
	0.0

	0.0
	0.0
	0.0
	0.0
	0.0
	0.0
Sum	0.0

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

lack of communication

ening.