**Testathon in the context of the** [**Horizon Europe SKILLAB Project**](https://skillab-project.eu/) **during** [**ETSI 11th UCAAT2025**](https://www.etsi.org/events/upcoming-events/2420-2025-04-11th-ucaat-user-conference-on-advanced-automated-testing)

**Description**

SKILLAB is an EC-funded Horizon Europe research and innovation project ([skillab-project.eu](https://skillab-project.eu/)), that aims at delivering an open-source skills demand/supply identification, analysis and prediction hub for citizens, enterprises, academia, and policy makers. More information can be retrieved from: [Objectives & actions](https://skillab-project.eu/objectives/)

The SKILLAB Project testathon aims to bring together interested software developers, software engineers, software testers and students studying relevant subjects to collaborate towards testing innovative SKILLAB platform applications, interact with and provide valuable feedback to senior engineers and researchers of the SKILLAB project consortium (**SKILLAB support team**), advance their knowledge and experience in automated testing processes and tools and have fun while getting the chance to win a prize!

Participants should register their interest to participate to the SKILLAB testathon by visiting the ETSI 11th UCAAT2025 conference web site ([ETSI - 11th UCAAT - User Conference on Advanced Automated Testing](https://www.etsi.org/events/upcoming-events/2420-2025-04-11th-ucaat-user-conference-on-advanced-automated-testing)) and pressing on the “Register now” top left button, **until at the latest 13/03/2025**. During the registration process, they need to choose participation to both sessions of the testathon:

* SKILLAB Testathon - part 1
* SKILLAB Testathon - part 2

occurring on the 1st day of the conference, 1st April 2025, to secure their participation to the testathon. Kindly note that after registration participants will receive a confirmation of participation to the testathon on a first come first serve basis, as the max. foreseen number of participants is 30. If interest is higher than 30, a waiting list will be generated, to be used in case of cancellations just before the event. Kindly please register your interest the soonest possible before the deadline!

During the testathon, participants will be given access to initial versions of the SKILLAB platform Tracker components, and to the cloud-based testing environment and tools (including github repo, Jenkins, etc.), along with accounts to access them.

The SKILLAB support team will provide training and support documentation on the SKILLAB apps to be tested and on the use of the testing environment and tools. They will further provide detailed guidelines on the process, the testathon objectives, expected outcomes/deliverables and winning criteria. They will be available, mentor and provide guidance to the testathon participants throughout the entire testathon duration.

Participants will define test cases and implement testing pipelines, using the testing environment and tools, which may involve multiple test scenarios for the provided SKILLAB platform Tracker and other components. Among the (automated) testing types to be performed during the testathon, the following will be targeted at:

* Functional/Accuracy Testing
* Deployment Testing
* Data Integrity Testing

The winning individual (or team) will be the one who first reports a valid bug and continues reporting further valid discovered issues until the end of the testathon. Its discovered issue will initially be submitted immediately in the properly setup Testathon discord channel, detailing: their name, the type of bug/issue, the steps that lead to the bug/issue, screenshots of the encountered bug/issue. A complete report with all discovered issues, including additionally the time that each was first reported in the testathon Discord channel, will need to be submitted until the end of the testathon at the end of the 2nd day to be assessed by the SKILLAB project evaluation team.

**Prize Categories offered:**

1st Valid Bug Report Prize

Best Bug Report

**Organizational Details**

During the scheduled time of the SKILLAB testathon in the UCAAT2025 agenda on Tuesday 1st April 2025, and specifically:

* **During the first session**, SKILLAB Testathon - part 1, Tuesday 1st April **09:00 – 10:30**, the SKILLAB support team will present the SKILLAB project and its apps to be tested, the testing environment and relevant CI/CD and testing tools, guidelines on how to access (participant accounts) and use them, the testing process and results reporting, the evaluation process and criteria, and provide relevant documentation. In addition, a SKILLAB Testathon Discord channel will be setup among all participating teams and the SKILLAB support team to effectively report bugs as early as possible, during this session but also throughout the testathon duration until the end of UCAAT2025 Day 2 (2nd April 2025).
* **During the second session**, SKILLAB Testathon - part 2, Tuesday 1st April **11:00 – 12:30**, the participants will initiate their tasks, and immediately report any discovered bugs in the Discord channel, with full details (name, bug type, steps that lead to bug, relevant screenshots). The SKILLAB support team will be there to support all participants in their testing tasks. Particularly, the owners of the respective software component will be available to provide support, mentor and answer any potential questions that may arise about their components.

Participants will continue testing in as many ways as they can think of during the first two days of the UCAAT2025 conference (1st and 2nd of April), in the same room that the SKILLAB testathon two sessions will take place (Library). The SKILLAB support team will be available on and online via the setup SKILLAB Testathon Discord channel to answer questions and provide any support that may be needed, while the teams will continue using it to report bugs as expected, immediately when found. Such reports will be submitted until at the latest 2nd April 2025 midnight, along with the required cumulative report presenting all bugs/issues found until then by each participant.

On the third and last day of UCAAT2025 (3rd April 2025), the SKILLAB project evaluation team will review submitted reports and decide on the winning participants for the two foreseen prizes. This will be announced during the **Best Paper Award, Testathon winners and Conference closing session** of the last day of the conference.

Throughout the entire process, participants will be provided with free Wi-Fi, and access to relevant documentation, testing environment and tools, as well as to the SKILLAB support team physically and over the SKILLAB Testathon Discord channel. Participants will further have access to coffee and lunch offered by UCAAT2025 conference organizers.

The SKILLAB support team of the SKILLAB project testathon is composed of:

1. Netcompany-Intrasoft, Sofia Tsekeridou, sofia.tsekeridou@netcompany.com and Anastasios Gogos, anastasios.gogos@netcompany.com
2. CERTH, Dimitris Tsoukalas, tsoukj@iti.gr
3. Eclipse Foundation, Marco Jahn, marco.jahn@eclipse-foundation.org
4. Aristotle University of Thessaloniki, Konstantinos Georgiou, konsgeor@csd.auth.gr , Dimitrios Christos Kavargyris, dkavargy@csd.auth.gr
5. University of Macedonia, Maria Folina, ics22059@uom.edu.gr , Elisavet Kanidou, elisavetkanidou@gmail.com
6. Democritus University of Thrace, Theodoros Maikantis, teomaik19@gmail.com

**Prerequisites for participation**

* Interested participants will need to register their interest to participate to the SKILLAB testathon by visiting the ETSI 11th UCAAT2025 conference web site ([ETSI - 11th UCAAT - User Conference on Advanced Automated Testing](https://www.etsi.org/events/upcoming-events/2420-2025-04-11th-ucaat-user-conference-on-advanced-automated-testing)) and pressing on the “Register now” top left button, **until at the latest 13/03/2025**. During the registration process, they need to choose participation to both sessions of the testathon:
	+ SKILLAB Testathon - part 1
	+ SKILLAB Testathon - part 2

occurring on the 1st day of the conference, 1st April 2025, to secure their participation to the testathon.

* Αfter registration, participants will receive a confirmation of participation to the testathon on a first come first serve basis as the max. foreseen number of participants is 30.
* If registered participants are higher than 30, a waiting list will be generated, to be used in case of cancellations just before the event.
* Participants will need to bring and use their own laptops.

**Key Takeaways**

Participants will be benefited by:

* Learning the importance of testing and testers, of team work among testers, how other testers approach testing, and the different ways that applications are tested with hands-on practice and support.
* Sharing experiences and knowledge with others.
* Networking with the SKILLAB technical team and being introduced in the innovative applications this brings in education, skills development and upskilling/reskilling.
* Receiving a Certificate of Participation to the SKILLAB Testathon
* Having the chance to win a prize and be recognized for their achievement in the wider community

**Target Audience**

Students in software engineering, computer science and similar fields with a degree of software programming/testing know-how

Software engineers

Software developers

Software testers

Open-source software community

Anyone interested to delve into automated software testing practices