UNIVERSITY OF LUXEMBOURG

Interdisciplinary Centre for Security, Reliability and Trust

FOSS Report v6.4

Project details:

Research Centre:	Interdisciplinary Centre for Security, Reliability and Trust (SnT)
Research Group:	Software Verification and Validation Lab (SVV)
Research Group Head:	Prof. Lionel C. Briand
Project Manager/Lead Asset Developer:	Saad Ezzini, Sallam Abualhaija
RG FOSS Liaison:	Dr Donghwan Shin/ Sallam ABUAsLHAIJA
Project name:	EQUACS
Asset name:	QAssist-REP
Software Invention Disclosure ref.	SNT-082200017IPN
Repository:	https://gitlab.uni.lu/sezzini/QAssist
FOSS Information Spreadsheet	SNT-082200017IPN - QAssist-REP-FOSS_Information spreadsheet_2022
Last Updated on:	8/4/2022

Summary of changes:

Version n.	Date	Author	Description
01	*24 August 2022*	FOSS Team	*First version*
02	05 September 2022	FOSS Team	Changes to used licenses

The objective of this FOSS Report (the "Report") is to report on the **Asset's compliance with the licensing requirements of third-party free and open-source software** ("FOSS") components and **outbound licensing options**. This Report thus takes into consideration both components created within the Research Group ("RG") itself and components licensed or assigned to it by third parties.

Key issues: (1) compliance with third-party licensing requirements of inbound software provided by third parties; (2) compliance with third-party licensing requirements of code introduced by the Research Group; and (3) if relevant, impacts of future exploitation of the Asset through licensing or assignment.

Yellow boxes include actions and recommendations

1. Project Components analysis

Project Software	We developed an automated question-answering-based quality assurance system that answers document-specific and domain-specific questions.
Type of software	*Software Tool*
Third-party FOSS Code	Third-party code is not included in the software as such. Some FOSS components must be installed in the recipient's machine to make the Software properly work which distribute under permissive and weak copyleft licenses respectively.
Third-Party non-FOSS Code (licensed from Third Parties)	None

2. Impact on the Development / Use of the Asset

Impact of FOSS on development	[X] No impact [ ] FOSS causes the following issues for development: …
Impact of FOSS on publication/distribution	Even though there is no FOSS components included in the software as such. Some FOSS components must be installed in the recipient's machine to make the software work properly. As they are distributed under permissive licenses there are no effets on the distribution of the software.

3. Licensing Compatibility analysis

Proposed outbound license (if any)	MIT
Internal compatibility among internal components	[x] there are **no internal incompatibilities** between the licenses on the components and libraries used

	[ ] there are **potential internal incompatibilities** between the inbound licenses
Outbound compatibility with proposed outbound license	[X] there are **no external incompatibilities** between FOSS licenses and the proposed outbound license [] there are **potential external incompatibilities** between the inbound licenses and the proposed outbound license.
Remedial action: The software can be distributed under the proposed license	
Conclusions on license compatibility: There are no incompatibilities.	

4. Current publication/exploitation Scenario

[ ]	Private license for peer review	
[ ]	License for partner testing	
[ ]	Proprietary license for the partner (non-testing)	
[x]	FOSS license for everyone	MIT
[ ]	Commercial licensing for tech transfer to third parties	

5. Conclusions and recommendations

Licensing obligations

[X]	The Asset is good to be released with the current proposed license mode	MIT
[]	The Asset must be licensed under a FOSS license (copyleft effect)	
[]	The Asset may be licensed under any outbound licensing regime (proprietary, permissive FOSS, copyleft FOSS)	

Internal Repo

	To be created by the FOSS Team
Internal conservation and reference	`https://gitlab.uni.lu/snt-tto/snt-082200017ipn-qassist-rep.git` Internal GitLab repo for the software, that must contain:

	☒ Reference to the source code repository (include in or make ref to UNILU GitLab) ☒ Frozen version (snapshot) of the code – to be provided by the researchers ☒ The frozen version of the FIS with the list of components ☒ Copy of the license and copyright of each and all components redistributed ☒ This report
Remedial action	This will be done by FOSS Team

Compliance with external distributions

	Files to be created by RG
External exploitation purposes	i. A "**NOTICE**" folder, containing a text file for each FOSS component used and distributed. Each of the text files must be titled with the name of the component, and must include: • Copyright notice of the FOSS component; • License text of the FOSS components; ii. In the **README** file, the following details must be provided: • Whether they were modified or not; iii. A "**LICENSE**" text file containing the text of the outbound license chosen and the university's copyright notice (Copyright © [year file created] – [year file last updated] the University of Luxembourg).
Remedial action	After adding all the required documents mentioned above, please push the final version of the repository to the TTO Gitlab account using the link provided by FOSS Team

6. Summary of the allowances and restrictions based on the FOSS components and the outbound license chosen

The table below is a descriptive picture of what the current outbound license and the licenses on the components embedded are allowed to do, without considering any specific business case.

Actions	SnT	Third Parties (partners / licensees)
Use it	*Yes*	*Yes*
Modify it	*Yes*	*Yes*
(re)distribute it (non-commercial)	*Yes*	*Yes*
(re) license/commercial license	*Yes*	*No*
Get feedback (reporting)	*Yes*	*Yes*
Close it (make it proprietary)	*Yes*	*Yes*
Use directly related patents	*Yes*	*Yes*
Do on-top commercialization	*Yes*	*Yes*
Download a copy of the source code	*Yes*	*Yes*
Access to the source code	*Yes*	*Yes*