

Software quality

Fontys University of Applied Science

Software

Project Plan Individual project:



Henaknowledge

Tutor: Tim Kurvers & Maja pesic

Student: Mohammed Al Harbi

4089553

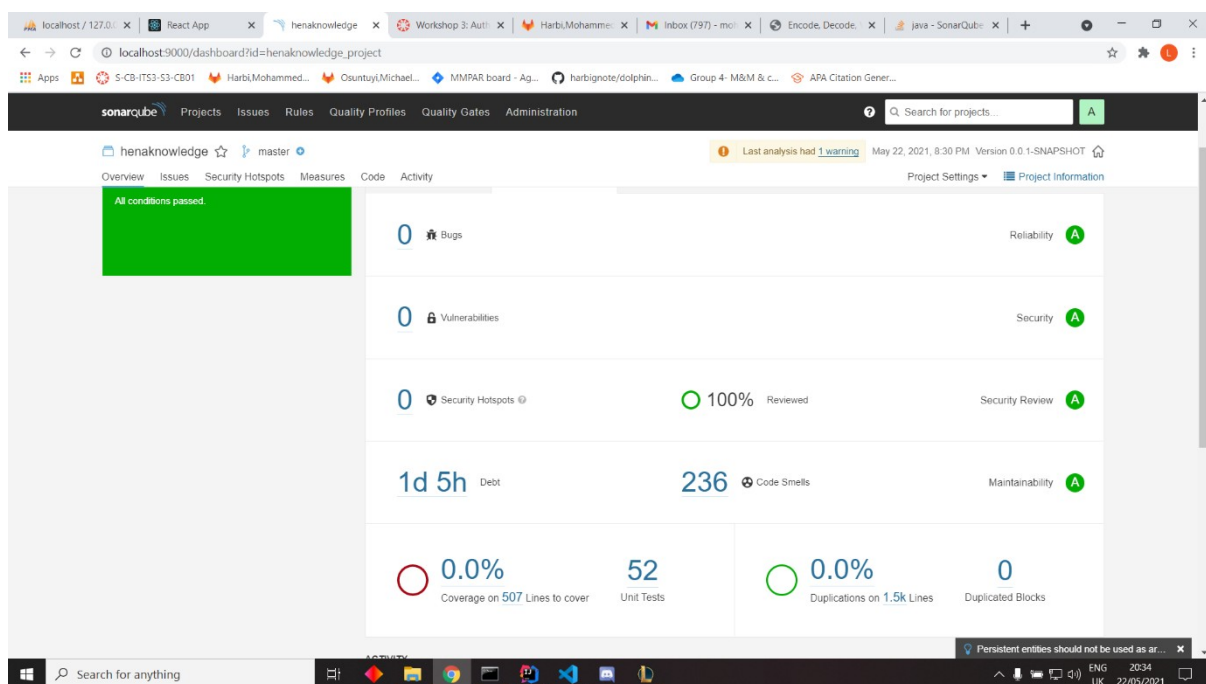
Contents

Introduction:.....	3
Sonarqube:.....	3
Jacoco:.....	4

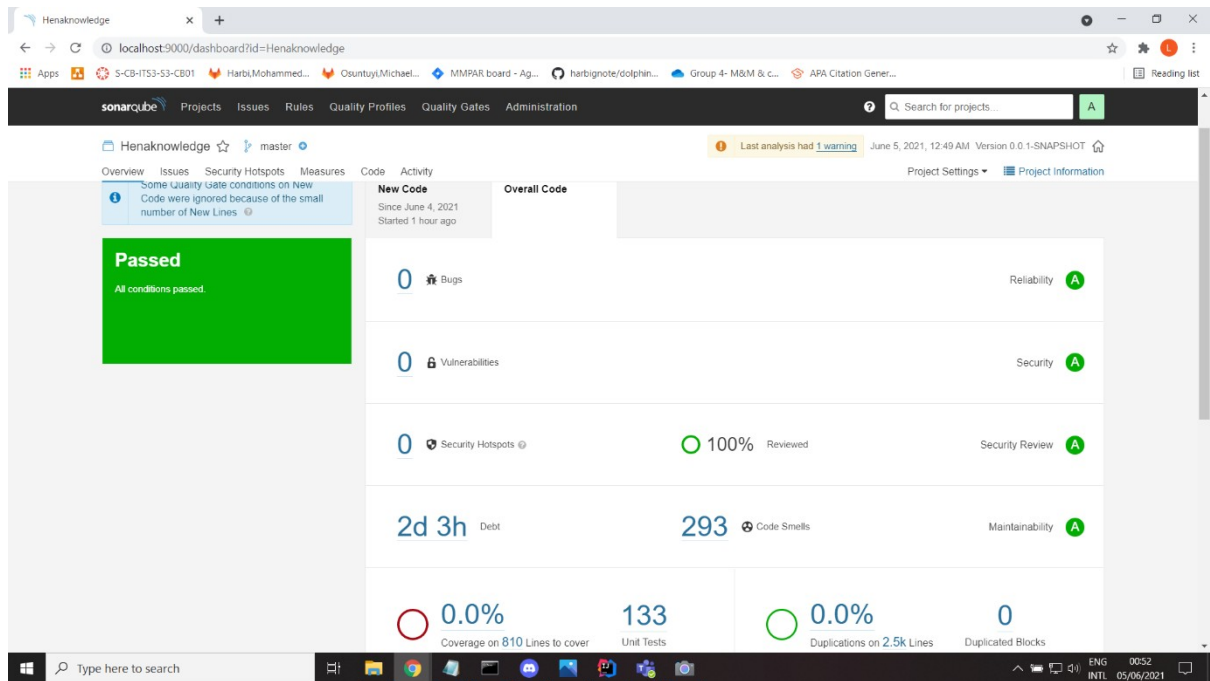
Introduction:

In this document I would try to prove that I do care about the software quality with some screenshots to proof that.

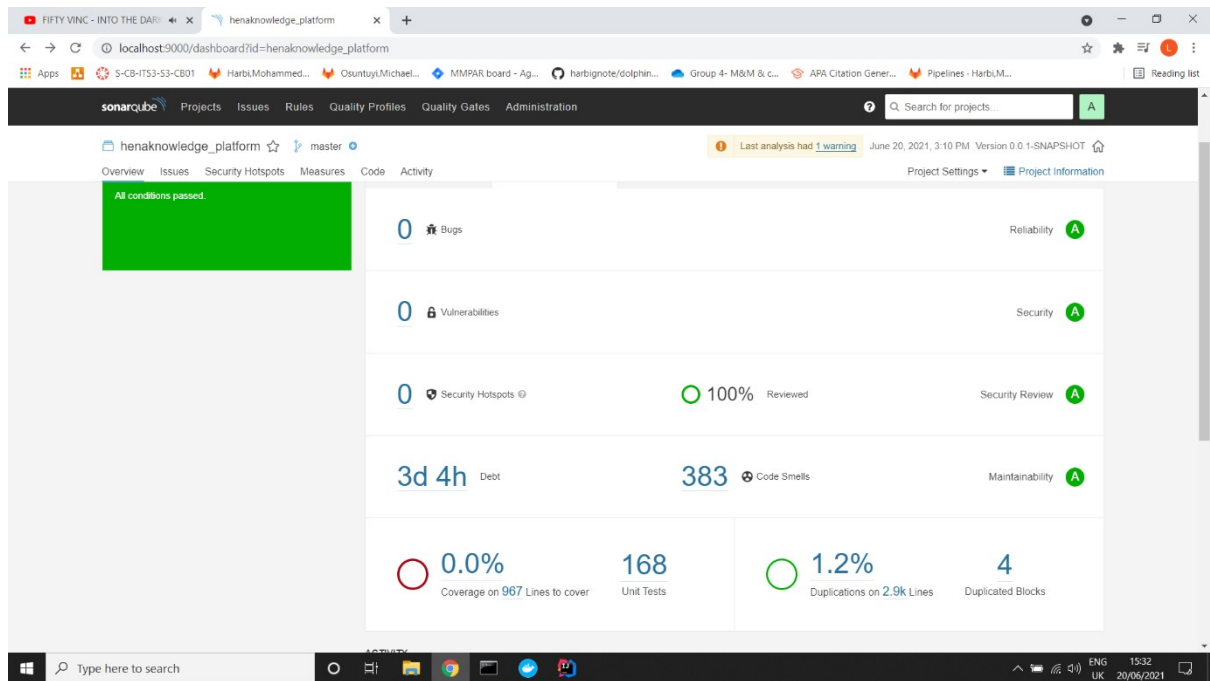
Sonarqube:



This is from sprint 3 version results shown in SonarQube. The coverage is broken, it does not state exactly the coverage percentage but SonarQube passed the program.

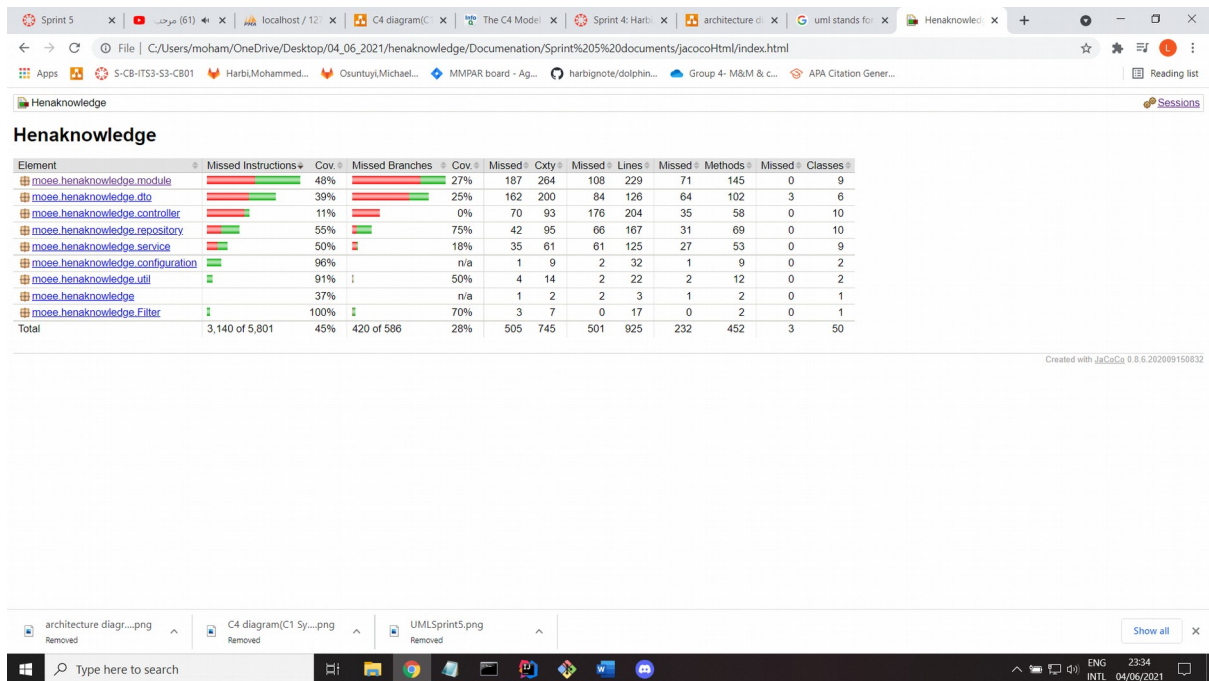


In picture above I have 133 unit tests. However, the issue from sprint 3 remained the same (shallow clone decided.) the coverage is not shown properly.



In picture above I have 168 unit tests. However, the issue from sprint 3 remained the same (shallow clone decided.) the coverage is not shown properly.

Jacoco:



Sprint 5 x | (61) x | localhost / 12 x | C4 diagram(C x | The C4 Model x | Sprint 4: Harb x | architecture d x | uml stands for x | moee.henakn x | + -

File | C:/Users/moham/OneDrive/Desktop/04_06_2021/henaknowledge/Documentation/Sprint%205%20documents/jacocoHtml/moee.henaknowledge.module/index.html

Apps | S-CB-ITS3-S3-CB01 | Harbi,Mohammed... | Osuntuyi,Michael... | MMPAR board - Ag... | harbignote/dolphin... | Group 4- M&M & c... | APA Citation Gener... | Reading list

Henaknowledge > moee.henaknowledge module

Source Files Sessions

moee.henaknowledge.module

Element	Missed Instructions	Cov	Missed Branches	Cov	Missed	Cdty	Missed	Lines	Missed	Methods	Missed	Classes	
Experience	<div><div></div></div>	1%	<div><div></div></div>	0%	34	35	25	26	19	20	0	1	
ExperienceOpinion	<div><div></div></div>	1%	<div><div></div></div>	0%	24	25	21	23	16	17	0	1	
Comment	<div><div></div></div>	1%	<div><div></div></div>	0%	24	25	18	19	14	15	0	1	
Person	<div><div></div></div>	42%	<div><div></div></div>	0%	16	24	12	41	8	16	0	1	
Teacher	<div><div></div></div>	78%	<div><div></div></div>	41%	26	44	8	34	3	20	0	1	
Student	<div><div></div></div>	80%	<div><div></div></div>	41%	25	44	8	34	2	20	0	1	
Email	<div><div></div></div>	70%	<div><div></div></div>	40%	20	27	3	8	5	12	0	1	
MyDetails	<div><div></div></div>	47%	<div><div></div></div>	n/a	2	11	12	26	2	11	0	1	
Admin	<div><div></div></div>	79%	<div><div></div></div>	43%	16	29	1	18	2	14	0	1	
Total		978 of 1 912	48%	173 of 238	27%	187	264	108	229	71	145	0	9

Created with JaCoCo 9.8.6.202009150832

architecture diagr...png Removed | C4 diagram(C1 Sy...png Removed | UML Sprint5.png Removed | Show all X

Type here to search

23:34 04/06/2021

Sprint 5 | C4 diagram | The C4 Model | Sprint 4: Harbi | architecture | uml stands for | Teacher

File | C:/Users/moham/OneDrive/Desktop/04_06_2021/henaknowledge/Documentation/Sprint%205%20documents/jacocoHtml/moe.henaknowledge.module/Teacher.html

Apps | S-CB-ITS3-S3-CB01 | Harbi,Mohammed... | Osuntuy,Michael... | MMPAR board - Ag... | harbignote/dolphin... | Group 4- M&M & c... | APA Citation Gener...

Henaknowledge > moe.henaknowledge.module > Teacher

Teacher

Element	Missed Instructions	Cov	Missed Branches	Cov	Missed	Cxty	Missed	Lines	Missed	Methods
equals(Object)	72%	39%	18	20	0	1	0	1	1	
Teacher(String,String,String,String,int)	0%	n/a	1	1	8	8	1	1	1	
hashCode()	87%	50%	5	6	0	1	0	1	1	
setUsername(String)	0%	n/a	1	1	1	1	1	1	1	
setRole(String)	0%	n/a	1	1	1	1	1	1	1	
Teacher(int,String,String,Date,String,String,String,String,String,int)	100%	n/a	0	1	0	8	0	1	1	
Teacher(String,String,Date,String,String,String,String,String,String,int)	100%	n/a	0	1	0	8	0	1	1	
toString()	100%	n/a	0	1	0	1	0	1	1	
setSpecialization(String)	100%	n/a	0	1	0	1	0	1	1	
setCode(String)	100%	n/a	0	1	0	1	0	1	1	
setPassword(String)	100%	n/a	0	1	0	1	0	1	1	
setPoints(int)	100%	n/a	0	1	0	1	0	1	1	
getSpecialization()	100%	n/a	0	1	0	1	0	1	1	
getCode()	100%	n/a	0	1	0	1	0	1	1	
getUsername()	100%	n/a	0	1	0	1	0	1	1	
getPassword()	100%	n/a	0	1	0	1	0	1	1	
getRole()	100%	n/a	0	1	0	1	0	1	1	
getPoints()	100%	n/a	0	1	0	1	0	1	1	
Teacher()	100%	n/a	0	1	0	1	0	1	1	
canEqual(Object)	100%	n/a	0	1	0	1	0	1	1	
Total	70 of 330	78%	28 of 48	41%	26	44	8	34	3	20

Created with JaCoCo 0.8.6.202009150832

file:///C:/Users/moham/OneDrive/Desktop/04_06_2021/henaknowledge/Documentation/Sprint 5 documents/jacocoHtml/moe.henaknowledge.module/Teacher.java.html#L40

architecture diag...png | C4 diagram(C1 Sy...png | UML Sprint5.png

Type here to search

FIFTY VIN - INTO THE DARI | henaknowledge_platform | Henaknowledge

File | C:/Users/moham/OneDrive/Desktop/14_06_2021/henaknowledge/backend/build/jacocoHtml/index.html

Apps | S-CB-ITS3-S3-CB01 | Harbi,Mohammed... | Osuntuy,Michael... | MMPAR board - Ag... | harbignote/dolphin... | Group 4- M&M & c... | APA Citation Gener... | Pipelines - Harbi,M...

Henaknowledge

Henaknowledge

Element	Missed Instructions	Cov	Missed Branches	Cov	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
moe.henaknowledge.dto	32%	21%	202	240	115	157	87	125	4	7		
moe.henaknowledge.module	51%	24%	181	304	92	260	48	168	0	10		
moe.henaknowledge.controller	11%	0%	85	109	194	223	58	82	0	11		
moe.henaknowledge.repository	18%	0%	88	121	175	229	37	70	0	8		
moe.henaknowledge.service	55%	37%	40	77	62	148	33	69	0	10		
moe.henaknowledge.util	90%	50%	5	16	3	28	3	14	0	3		
moe.henaknowledge.configuration	96%	n/a	1	11	2	34	1	11	0	3		
moe.henaknowledge	37%	n/a	1	2	2	3	1	2	0	1		
moe.henaknowledge.Exceptions	0%	n/a	1	1	2	2	1	1	1	1		
moe.henaknowledge.Filter	100%	70%	3	7	0	17	0	2	0	1		
Total	4,099 of 6,878	40%	557 of 688	19%	607	888	647	1,101	269	544	5	55

Created with JaCoCo 0.8.6.202009150832

Type here to search

These are some samples of Jacoco results since the amount of unit tests and coverage are broken at the moment in SonarQube.

The full Jacoco report is also available in the document folder.