Nadine Hazem: 20216144

Basma khaled: 20216027

Abdalrahman atia: 20206128

Sherouk ashraf: 20206131

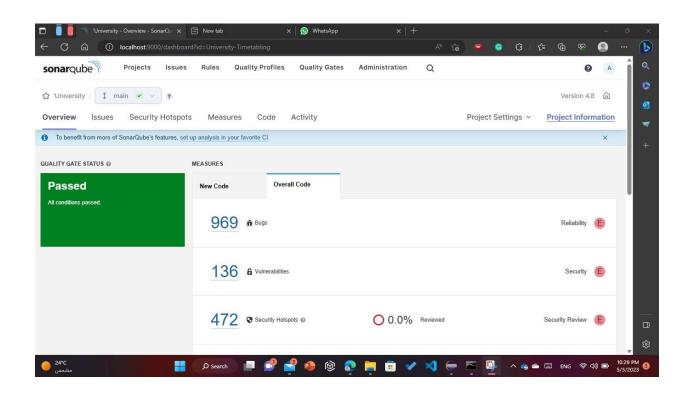
Maintenance Project

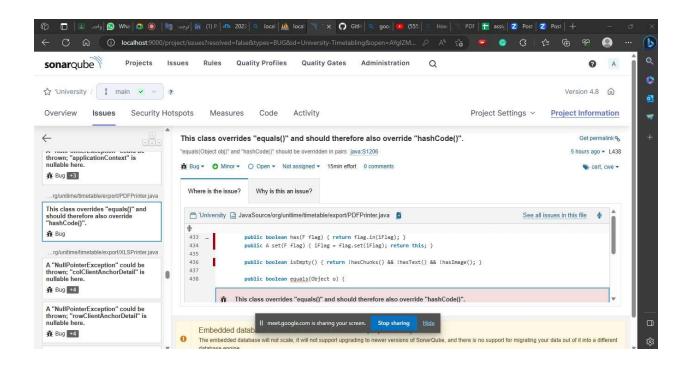
Phase2

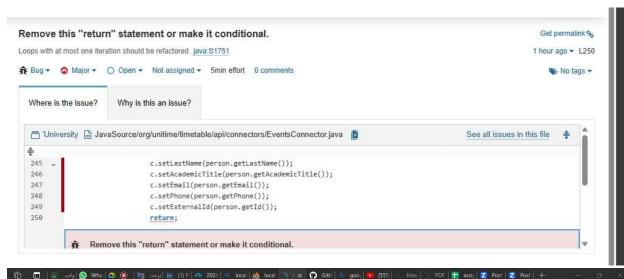
1) GitHub Repo:

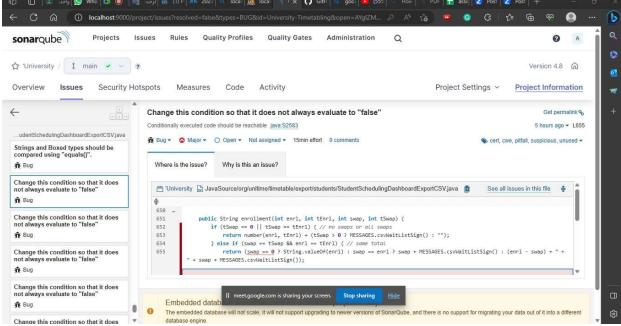
https://github.com/nadinehazem200/University-Time-Tabling

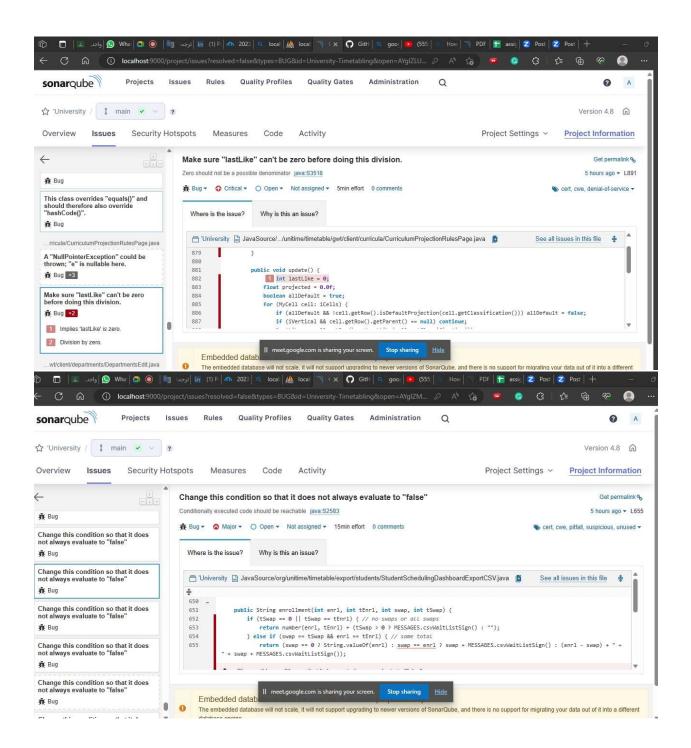
- 2) Link to ticketing system: https://trello.com/w/universitytimetablingcode
- 3) Static Analysis Report for code before changes:

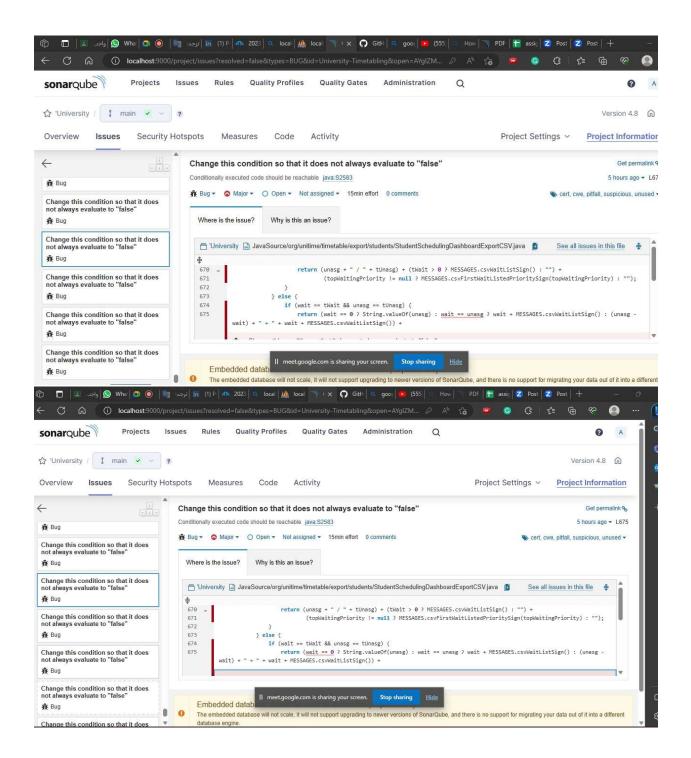


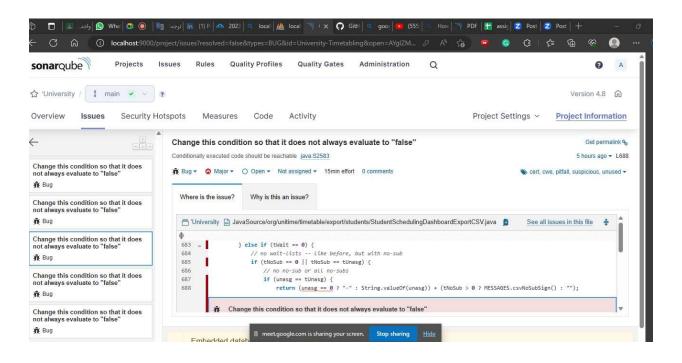


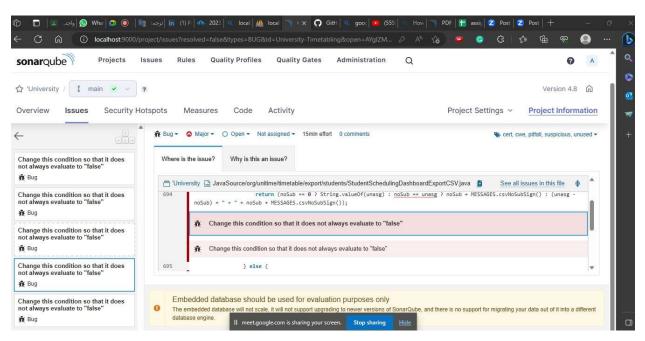


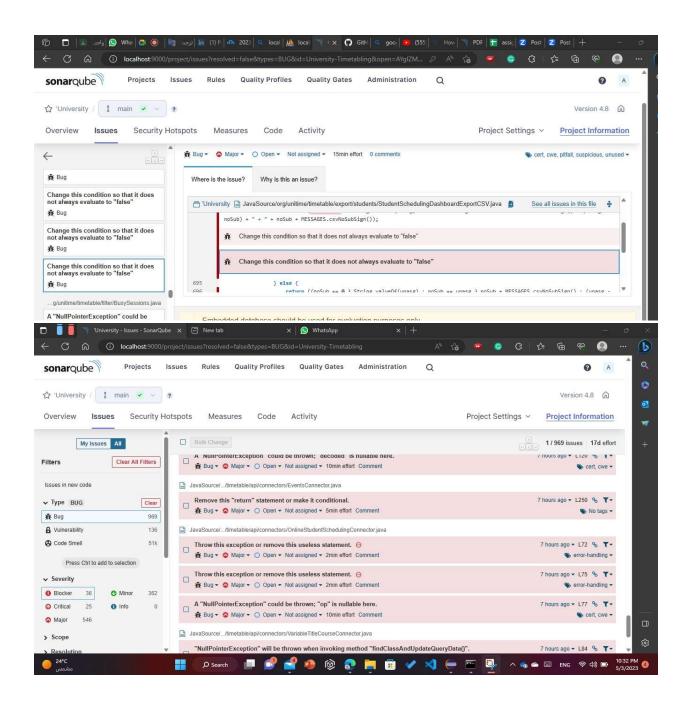


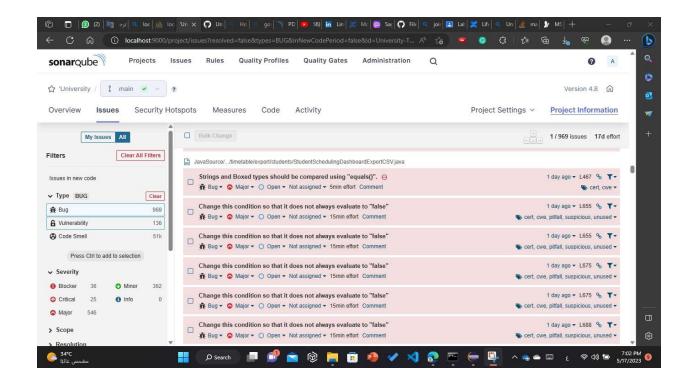




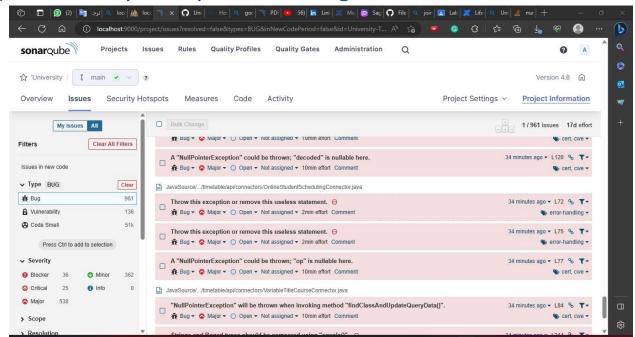


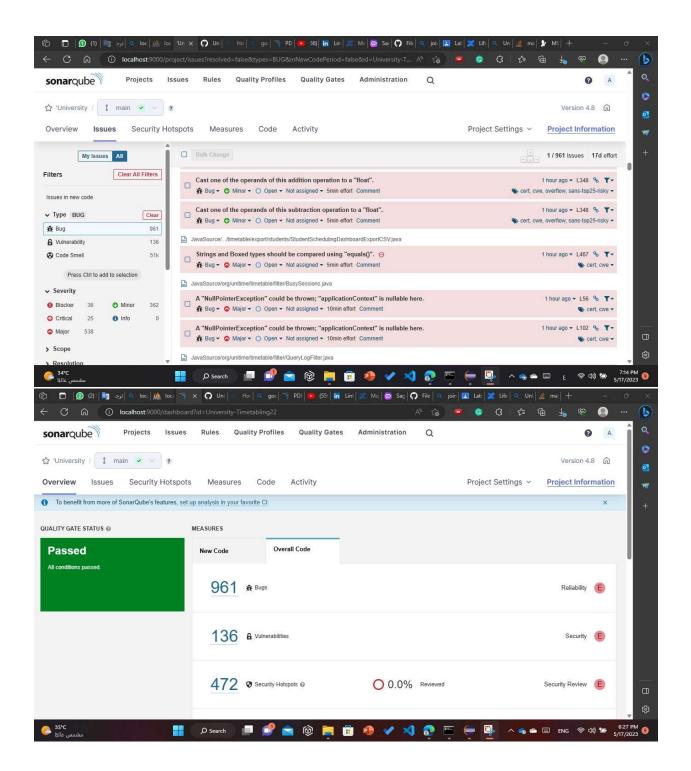






4) Static Analysis Report for changed code:

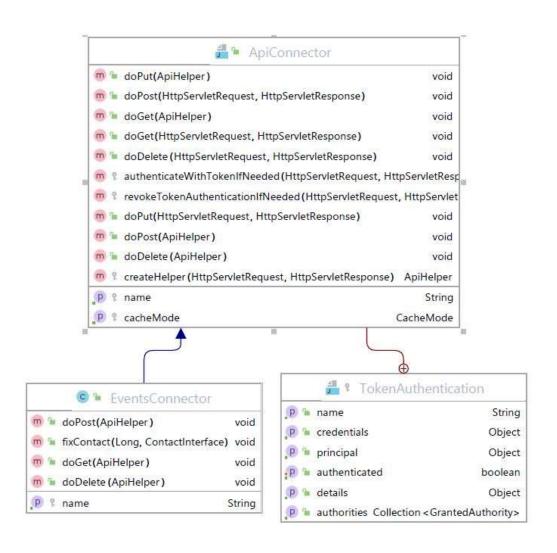


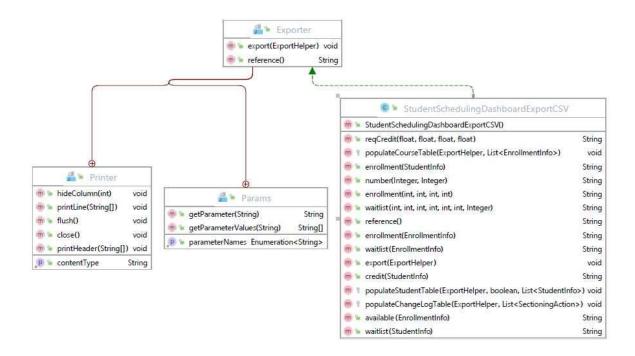


5) UML(Class Diagram):

	© PDFPrin	ter				
m 1	PDFPrinter(OutputStream, boolean)					
f a	iOutput	OutputStream				
of man	sNumber	Pattern				
f n	iLastLine	Object[]				
f a	iCheckLast	boolean				
f m	iTable	PdfPTable				
(f) A	iMaxWidth	float[]				
f o	iElements	List <element></element>				
f A	iHiddenColumns	Set <integer></integer>				
m 1	printHeader (String[])	void				
m %	close()	void				
m 1	printLine(String[])	void				
m 🚡	hideColumn(int)	void				
m 'm	flush()	void				
m 1	getContentType()	String				
m 1	printLine(A[])	void				







6) Test case for division by zero bug:

Before alteration:

projected = 6.0, lastLike = 0

output: is Exception in thread "main"

java.lang.ArithmeticException: / by zero at

example.main(main.java:4)

After fixing the bug:

Projected=6.0, lastkLike=0

Output: Can not divide by zero.