TEAM I	D: G _.	<u>001</u>
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Instructions: Please mark put an X on the non-greyed column that better reflects your project's item achievement. Fill the gaps (______) when appropriate. Analysis Grading: 0 – No Submission; 1 – Attempt; 2 – Achieves Sufficiently 50%; 3 – Achieves partially, includes justification for main options; 4 – Achieves completely with justifications and alternatives.

Description	Analysis	Imp	leme	ntat	ion
	0 1 2 3 4	0	1 2	3	4
Overall Team Grading				x	
Each component has, at least, one issue in Bitbucket				х	
Bitbucket issues are closed and refer to the commit				х	
All source code is committed					х
Commit messages are clear and well formed				х	
The repository readme.md is well structured, clear and coherent with the work done				х	
 Issues have a clear explanation on the scope and differences with other issues 				х	
All pipelines must be able to run on any of the student's machines				x	
 An evaluation report on the performance of the CA component's, comparing the different execution times, was written (report.md) 				x	
Other issues:					
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	Analysis	Implementation
Description	0 1 2 3 4	0 1 2 3 4
Component #1		
A sketch or schematic of the pipeline with a small description is provided	х	
• A Jenkins Pipeline using the "Promoted Build" or "Build Pipeline" plugin, performing a sequential build, is configured and described	x	x
Repository Checkout - checkout the GIT repository		x
2. War file - the .war file is built and published on Jenkins		x
3. Javadoc - the Javadoc is built and published on Jenkins		x
4. Unit Tests		
a. The Unit Tests are executed and explained	x	x
b. The Unit Tests Report is generated and published on Jenkins		X
c. The Unit Tests Coverage Report is generated and published on Jenkins		x
5. Integration Tests		
a. The Integration Tests are executed and explained	X	х
b. The Integration Tests Report is generated and published on Jenkins		x
c. The Integration Tests Coverage Report is generated and published on Jenkins		X
6. Mutation Tests		
a. The Mutation Tests are executed and explained	X	x
b. The Mutation Coverage Report is generated and published on Jenkins		x
7. System Test		
a. The application (.war file) is deployed to a pre-configured Tomcat Server instance (Tomcat Server is running offsite)	x	x
b. An automatic smoke test is performed	X	X
8. UI Acceptance Manual Tests		
a. An email notification is sent, regarding the successful execution of all the previous tests and asking to perform a manual test	x	x
b. An UI Acceptance Manual Test is executed in order to cancel or proceed with the pipeline		x
c. The pipeline must wait for a user manual confirmation on Jenkins		x
9. Continuous Integration Feedback - a tag to the repository with the Jenkins build number and status is published		x
Jenkins configuration files (Build Promotions and Build Pipelines jobs) are in the repository		х
The overall "build" fails if any of the stages fail	x	x
Each gradle task is executed only once in the pipeline	x	x

Instructions: Please mark put an X on the non-greyed column that better reflects your project's item achievement. Fill the gaps (_______) when appropriate. Analysis Grading: 0 – No Submission; 1 – Attempt; 2 – Achieves Sufficiently 50%; 3 – Achieves partially, includes justification for main options; 4 – Achieves completely with justifications and alternatives.

		An	nalys	is	lm	plen	nent	ation
Description	0	1	2	3 4	0	1	2 3	3 4
Component #2								
A sketch or schematic of the pipeline with a small description is provided				Х				
• A Jenkins Pipeline using the "Promoted Build" or "Build Pipeline" plugin, performing a parallel build, is configured and described				x			3	2
1. Repository Checkout - checkout the GIT repository								х
2. War file - the .war file is built and published on Jenkins								х
3. Javadoc - the Javadoc is built and published on Jenkins								х
4. Unit Tests	Ì							
a. The Unit Tests are executed and explained			х				х	
b. The Unit Tests Report is generated and published on Jenkins							2	ζ
c. The Unit Tests Coverage Report is generated and published on Jenkins							2	2
5. Integration Tests								
a. The Integration Tests are executed and explained			х				X	2
b. The Integration Tests Report is generated and published on Jenkins							х	
c. The Integration Tests Coverage Report is generated and published on Jenkins							х	
6. Mutation Tests								
a. The Mutation Tests are executed and explained			х				3	ζ
b. The Mutation Coverage Report is generated and published on Jenkins							2	2
7. System Test								
a. The application (.war file) is deployed to a pre-configured Tomcat Server instance (Tomcat Server is running offsite)				x			2	2
b. An automatic smoke test is performed			х			ŀ	Х	
8. UI Acceptance Manual Tests								
a. An email notification is sent, regarding the successful execution of all the previous tests and asking to perform a manual test				x			2	2
b. An UI Acceptance Manual Test is executed in order to cancel or proceed with the pipeline							х	
c. The pipeline must wait for a user manual confirmation on Jenkins							>	ζ
9. Continuous Integration Feedback - a tag to the repository with the Jenkins build number and status is published							х	
Jenkins configuration files (Build Promotions and Build Pipelines jobs) are in the repository							3	2
The overall "build" fails if any of the stages fail				х			х	:
Each gradle task is executed only once in the pipeline			х				Х	-

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Description		Ar	naly	sis		lmp	olem	enta	tion
Description	0	1	2	3	4	0	1	2 3	4
Component #3									
A sketch or schematic of the pipeline with a small description is provided				х					Х
A Jenkins Pipeline using a Scripted Jenkinsfile, performing a sequential build, is configured and described				Х				x	
1. Repository Checkout - checkout the GIT repository									x
2. War file - the .war file is built and published on Jenkins									x
3. Javadoc - the Javadoc is built and published on Jenkins									x
4. Unit Tests									
a. The Unit Tests are executed and explained				X					X
b. The Unit Tests Report is generated and published on Jenkins								x	
c. The Unit Tests Coverage Report is generated and published on Jenkins								х	
5. Integration Tests									
a. The Integration Tests are executed and explained				Х				х	
b. The Integration Tests Report is generated and published on Jenkins								х	
c. The Integration Tests Coverage Report is generated and published on Jenkins								х	
6. Mutation Tests									
a. The Mutation Tests are executed and explained				х				х	
b. The Mutation Coverage Report is generated and published on Jenkins								х	
7. System Test									
a. The application (.war file) is deployed to a pre-configured Tomcat Server instance (Tomcat Server is running offsite)				х				х	
b. An automatic smoke test is performed				Х				X	
8. UI Acceptance Manual Tests									
a. An email notification is sent, regarding the successful execution of all the previous tests and asking to perform a manual test				х				х	
b. An UI Acceptance Manual Test is executed in order to cancel or proceed with the pipeline								х	
c. The pipeline must wait for a user manual confirmation on Jenkins								х	
9. Continuous Integration Feedback - a tag to the repository with the Jenkins build number and status is published							2	ς .	
Jenkins configuration files (Build Promotions and Build Pipelines jobs) are in the repository									х
The overall "build" fails if any of the stages fail				х				х	
Each gradle task is executed only once in the pipeline				х				х	

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Instructions: Please mark put an X on the non-greyed column that better reflects your project's item achievement. Fill the gaps (______) when appropriate. Analysis Grading: 0 – No Submission; 1 – Attempt; 2 – Achieves Sufficiently 50%; 3 – Achieves partially, includes justification for main options; 4 – Achieves completely with justifications and alternatives.

Description (Ar	nalys	is	lm	plen	ent	ation
Description	0	1	2	3 4	0	1	2 3	3 4
Component #4								
A sketch or schematic of the pipeline with a small description is provided				х			Х	:
A Jenkins Pipeline using a Scripted Jenkinsfile, performing a parallel build, is configured and described				x			X	2
1. Repository Checkout - checkout the GIT repository								х
2. War file - the .war file is built and published on Jenkins							x	<u>:</u>
3. Javadoc - the Javadoc is built and published on Jenkins							X	2
4. Unit Tests								
a. The Unit Tests are executed and explained				x				х
b. The Unit Tests Report is generated and published on Jenkins							х	2
c. The Unit Tests Coverage Report is generated and published on Jenkins							X	2
5. Integration Tests								
a. The Integration Tests are executed and explained				x			×	2
b. The Integration Tests Report is generated and published on Jenkins							X	2
c. The Integration Tests Coverage Report is generated and published on Jenkins							X	
6. Mutation Tests								
a. The Mutation Tests are executed and explained				x			X	<u> </u>
b. The Mutation Coverage Report is generated and published on Jenkins							X	2
7. System Test								
a. The application (.war file) is deployed to a pre-configured Tomcat Server instance (Tomcat Server is running offsite)				x			Х	:
b. An automatic smoke test is performed			2	2			Х	-
8. UI Acceptance Manual Tests								
a. An email notification is sent, regarding the successful execution of all the previous tests and asking to perform a manual test				х			х	
b. An UI Acceptance Manual Test is executed in order to cancel or proceed with the pipeline							X	2
c. The pipeline must wait for a user manual confirmation on Jenkins							×	2
9. Continuous Integration Feedback - a tag to the repository with the Jenkins build number and status is published							x	
Jenkins configuration files (Build Promotions and Build Pipelines jobs) are in the repository								х
The overall "build" fails if any of the stages fail				x			Х	-
Each gradle task is executed only once in the pipeline				х			Х	-