

Team 210

Shohit Bajaj

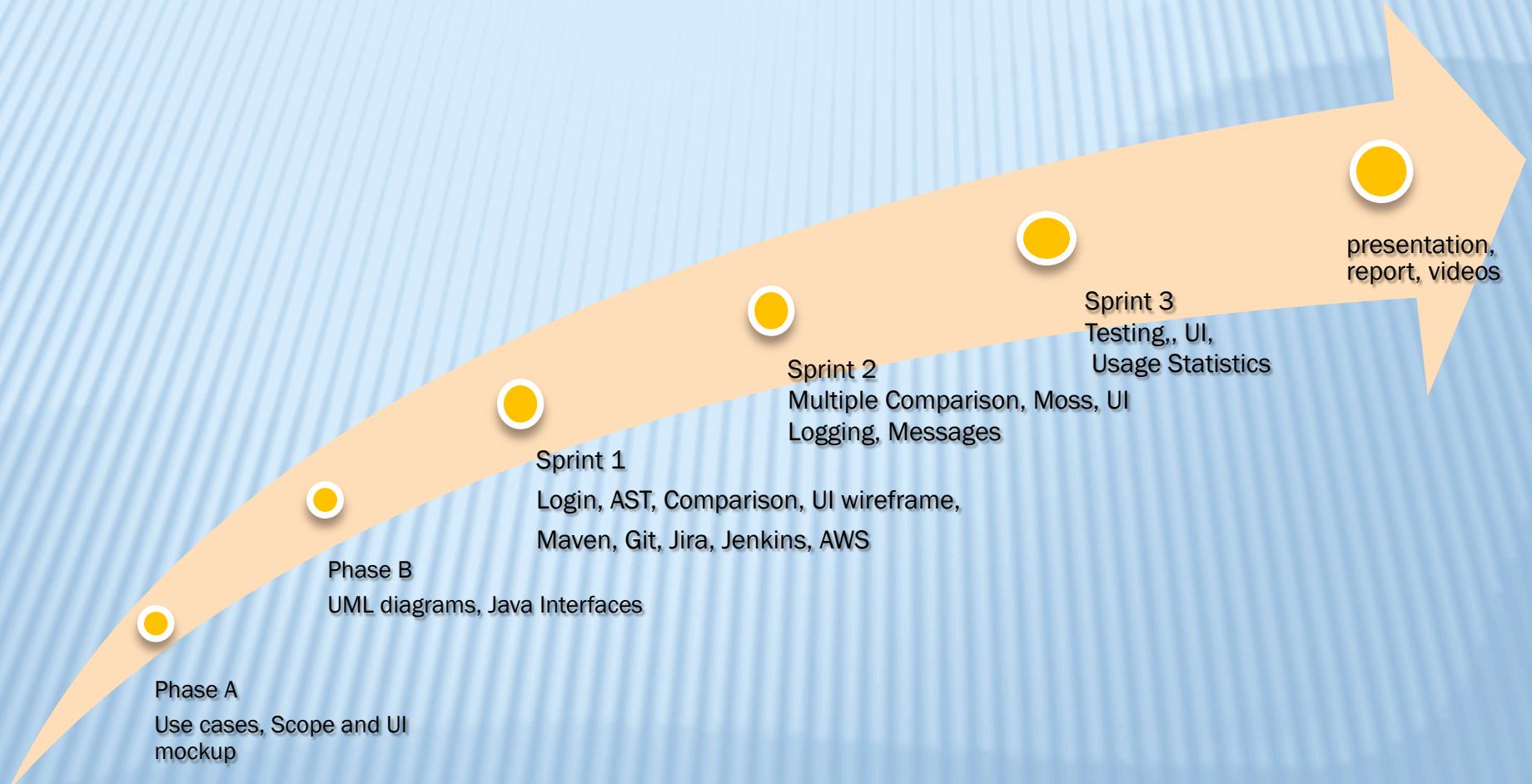
Hardik Shah

Ruchitha

Willa Davis

PLAGIARISM DETECTOR

OVERVIEW



SYSTEM FUNCTIONALITY

- Software Detects Plagiarism
- Expectations and stretches.
- Simple and Intuitive UI and UX
- Validation with Moss
- Conclusive reports

GOALS

- Agile Development process
- Team work
- Design decisions - UML and Use cases
- Classroom Learning - Design patterns
- Quality of the software Testing

USEFULNESS FOR CLIENT

- Does what it is supposed to do
- Easy to Use
- Easy to Install and run
- Clear Reports

SUPPORTING EVIDENCE

- Reviewed by Teaching Assistants
- Jira

CS210 board
Backlog

QUICK FILTERS: Only My Issues Recently Updated

Sprint 3 21 issues
26/Mar/18 2:25 PM • 06/Apr/18 2:25 PM

Epics

Linked pages

Issue Key	Description	Assignee	Status
CS210-46	code refactoring and UI review changes	Avatar 1	In Progress
CS210-50	Speech Bubbles	Avatar 2	In Progress
GS210-44	Research UI testing	Avatar 3	In Progress
GS210-54	ThreshHold bar	Avatar 4	In Progress
CS210-67	Changing file comparison working	Avatar 5	In Progress
CS210-60	tests for dbservice	Avatar 6	In Progress
GS210-58	UI new changes	Avatar 7	In Progress
CS210-61	add db support for plagiarism threshold	Avatar 8	In Progress
CS210-62	add db support for usage statistics	Avatar 9	In Progress
CS210-40	Write tests for AST Class	Avatar 10	In Progress
CS210-64	Test Failure	Avatar 11	In Progress
CS210-47	bootstrap changes	Avatar 12	In Progress
CS210-64	integrate app with moss	Avatar 13	In Progress
CS210-52	Test Ticket	Avatar 14	In Progress
CS210-55	SolarLint Errors	Avatar 15	In Progress
GS210-49	AST tree making	Avatar 16	In Progress

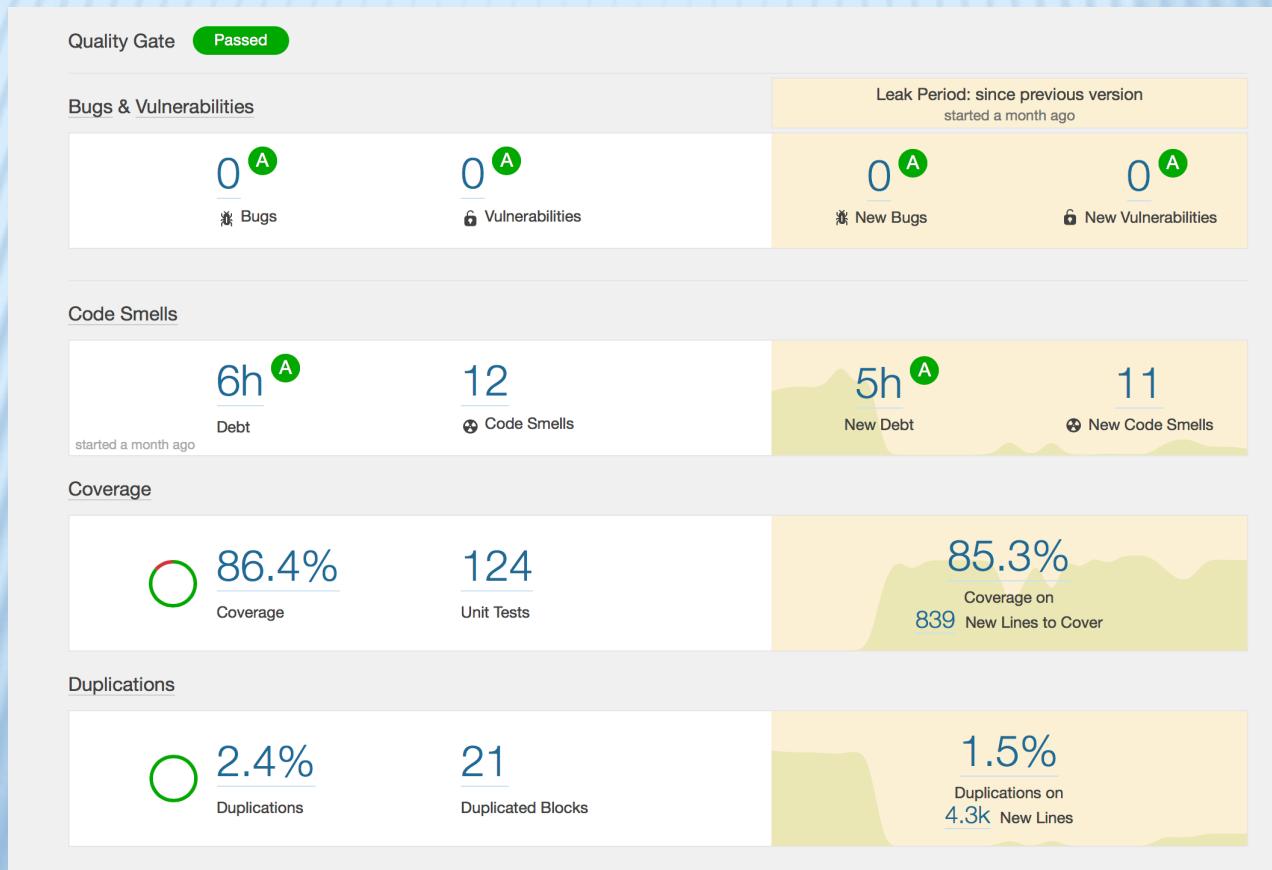
JOB QUALITY

- In time completion of all the requirements
- Worked on all the stretches

Sprints	Expectations count	Achieved Count
Sprint -1	16	16
Sprint -2	15	15
Sprint - 3	10	10

JOB QUALITY

- SonarQube



JOB QUALITY

- Jenkins

Branch master
Full project name: cs5500Job/master

 [Recent Changes](#)

Stage View

Average stage times:
(Average full run time: ~2min 22s)

	Declarative: Checkout SCM	Declarative: Agent Setup	Build	Test	SonarQube	Quality
#69 Apr 20 01:49 3 commits	654ms	498ms	28s	16s	1min 0s	32s
#68 Apr 20 00:31 1 commits	793ms	717ms	32s	23s	56s	32s
#67 Apr 20 00:04 6 commits	487ms	334ms	20s	11s	38s	32s
#66 Apr 19 22:43 4 commits	638ms	588ms	18s	10s	39s	32s
#65 Apr 19 20:18 No Changes	334ms	20s	10s	36s	32s	
4 commits by midigarahallishanm.r		6fa35cb yesterday changes 11b0a06 report service test failure 14c5424 test cases changed e30fd6b changed tst cases	787ms	1min 4s	34s	1min 12s

JOB QUALITY

- User Interface

Hello professor

Upload Compare Logout

Similarity score: 100.00 %



S2 (version no: 1)	S1 (version no: 1)	Print
0 //***** FileName: parse2.py*****	//***** FileName: parse2.py*****	0
1 #!/usr/bin/python	#!/usr/bin/python	1
2 import sys	import sys	2
3 import ssl	import ssl	3
4 import socket	import socket	4

Usage Count: 481

STATUS UP

TEAM WORK

- Pair programming
- Code reviews with the team
- Daily Slack-Ups
- Division of work
- Resolution of bus and other challenges
- Constructive feedback

DEVELOPMENT PROCESS

- Agile methodology
- Managed Task on Jira
- Continuous Integration through Jenkins
- Error in build reported via slack and email
- Smart commits
- SonarQube quality report

CHALLENGES

- Time constraints
- Less experience in UI development
- Different understanding of project requirements
- Design decisions

RESOLUTIONS

- Volunteering to help each other and learning new technologies
- Identifying skills and dividing work accordingly
- Regular communication with team members

TECHNOLOGY TRANSFER

- Accomplishes what we hoped it would
- Easy to use and learn
- Visually informative experience
- Fast and simple setup experience
- Appropriate for users without technical knowledge

TECHNOLOGY TRANSFER

- Maintain user accounts and files, so detector can be used for historical analysis
- Automatically pulling files from GitHub, removing need to upload if files have been pushed there
- Single Sign On integration with myNeu
- Machine learning to train dataset, set weights of polynomial functions
- Automatically select best algorithm based on our code analysis