Integrity: Plagiarism Detector

Darshan Panse, Samanjate Sood, Shail Shah, Vaibhav Dave

Introduction

System Functionality
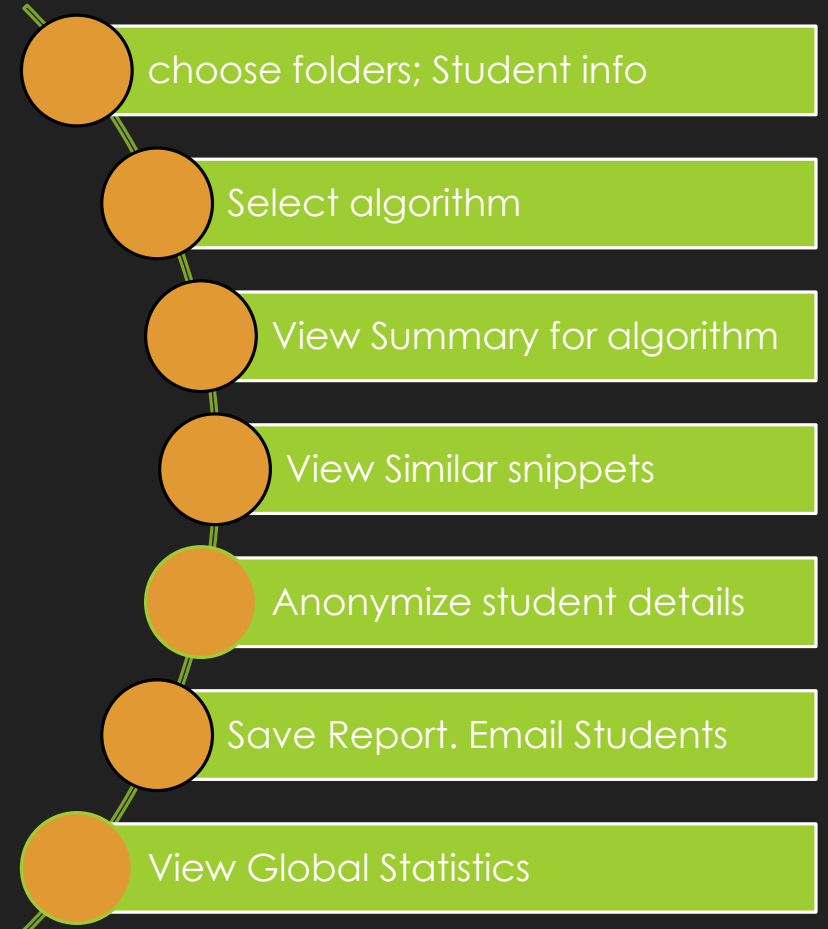
Job Quality

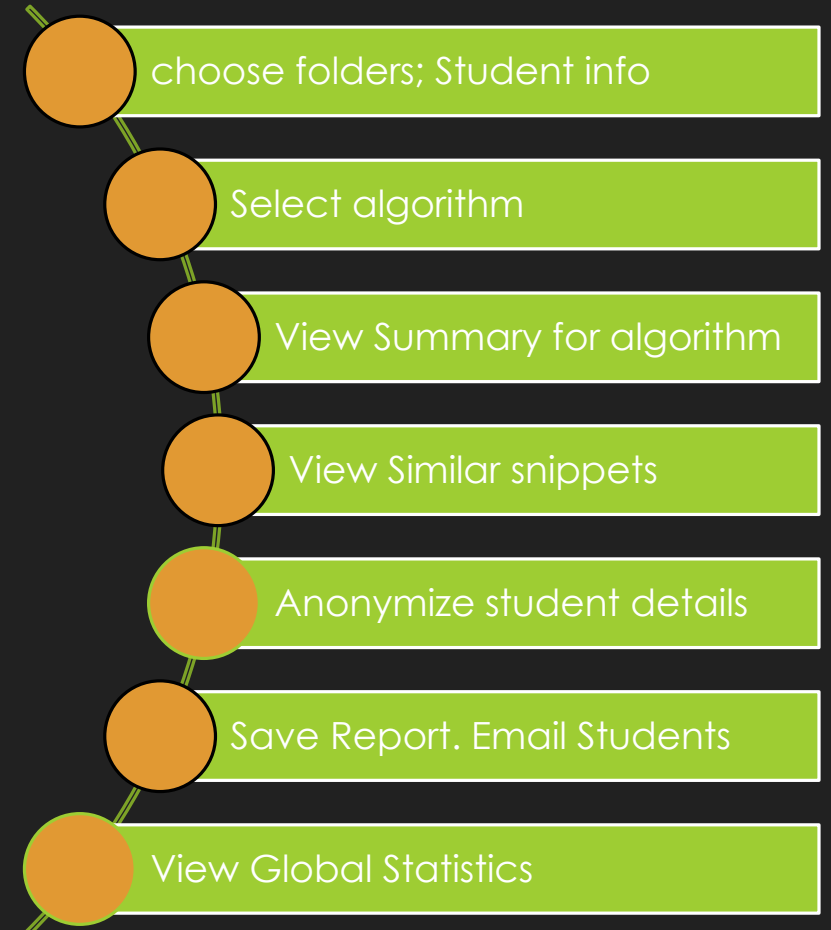Process and Teamwork

Technology Transfer

System Functionality

○ Did the team accomplish a sufficient amount of functionality?

 - Yes, we delivered more than promised!

- choose folders; Student info
- Select algorithm
- View Summary for algorithm
- View Similar snippets
- Anonymize student details
- Save Report. Email Students
- View Global Statistics

System Functionality

○ Did the team achieve what it set out to do?

 - Yes, we achieved more!

choose folders; Student info

Select algorithm

View Summary for algorithm

View Similar snippets

Anonymize student details

Save Report. Email Students

View Global Statistics

System Functionality

- Is it useful for the client?

  - We hope so!

choose folders; Student info

Select algorithm

View Summary for algorithm

View Similar snippets

Anonymize student details
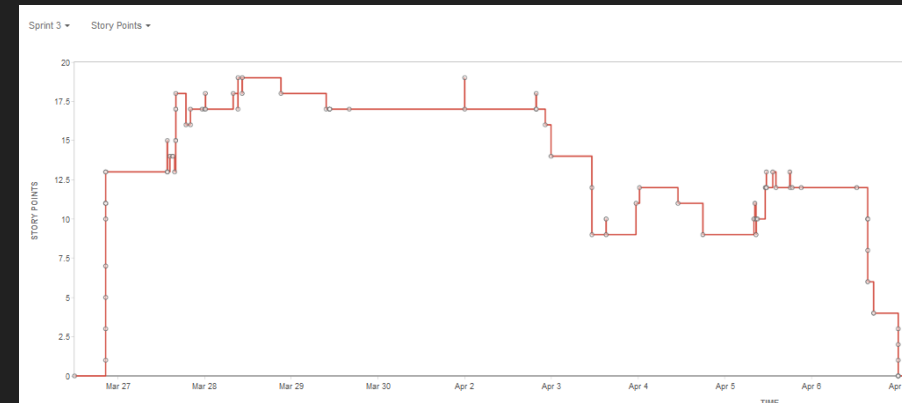
Save Report. Email Students

View Global Statistics
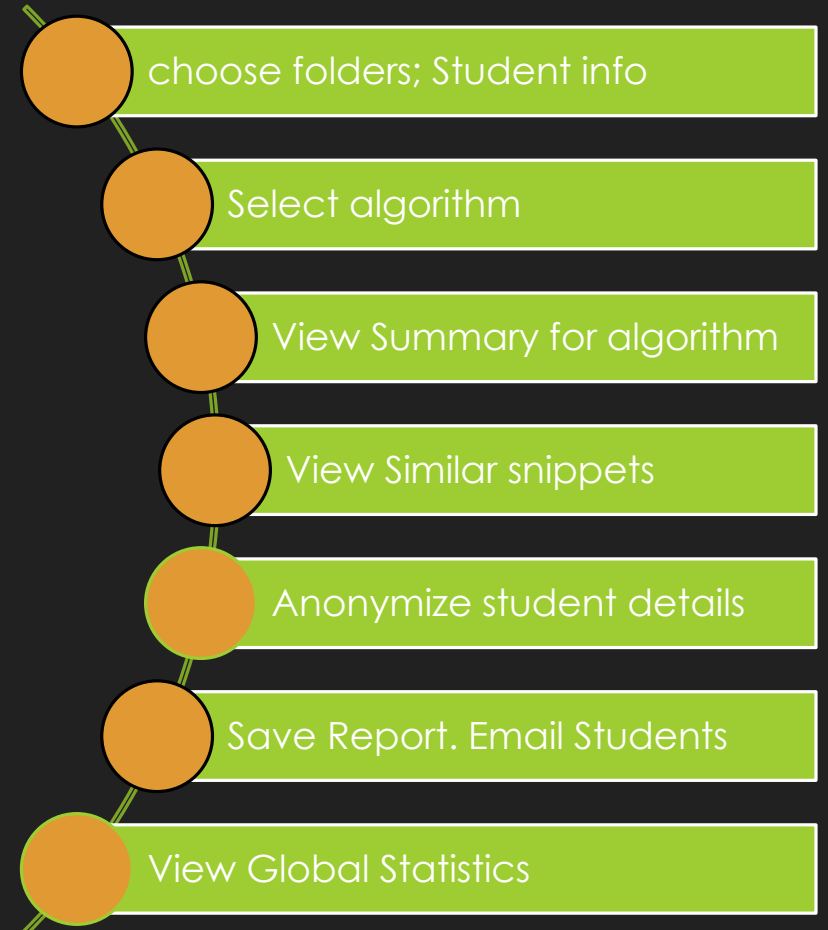
System Functionality

- Is there evidence from the backlog/requirements to support these claims?

  - Yes!
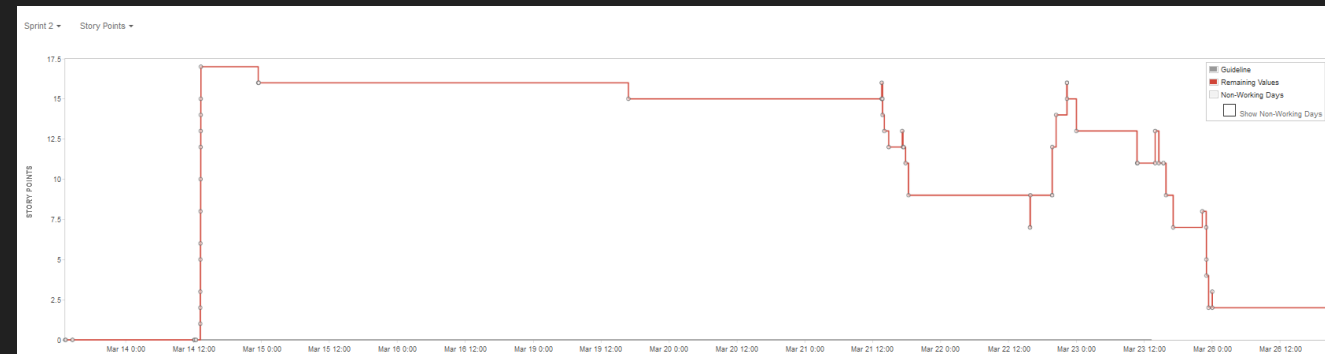
Job Quality

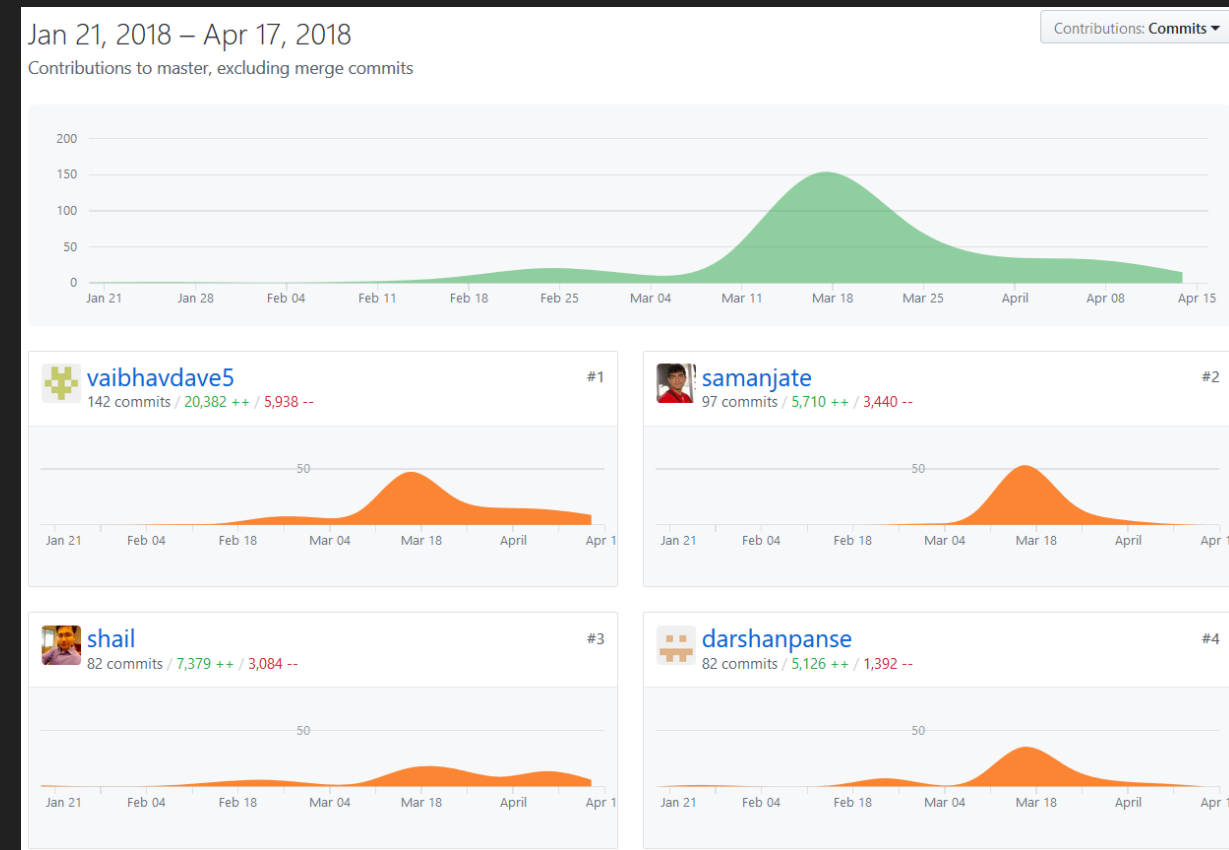○ Did the team present evidence that it did a quality job?

- Yes!
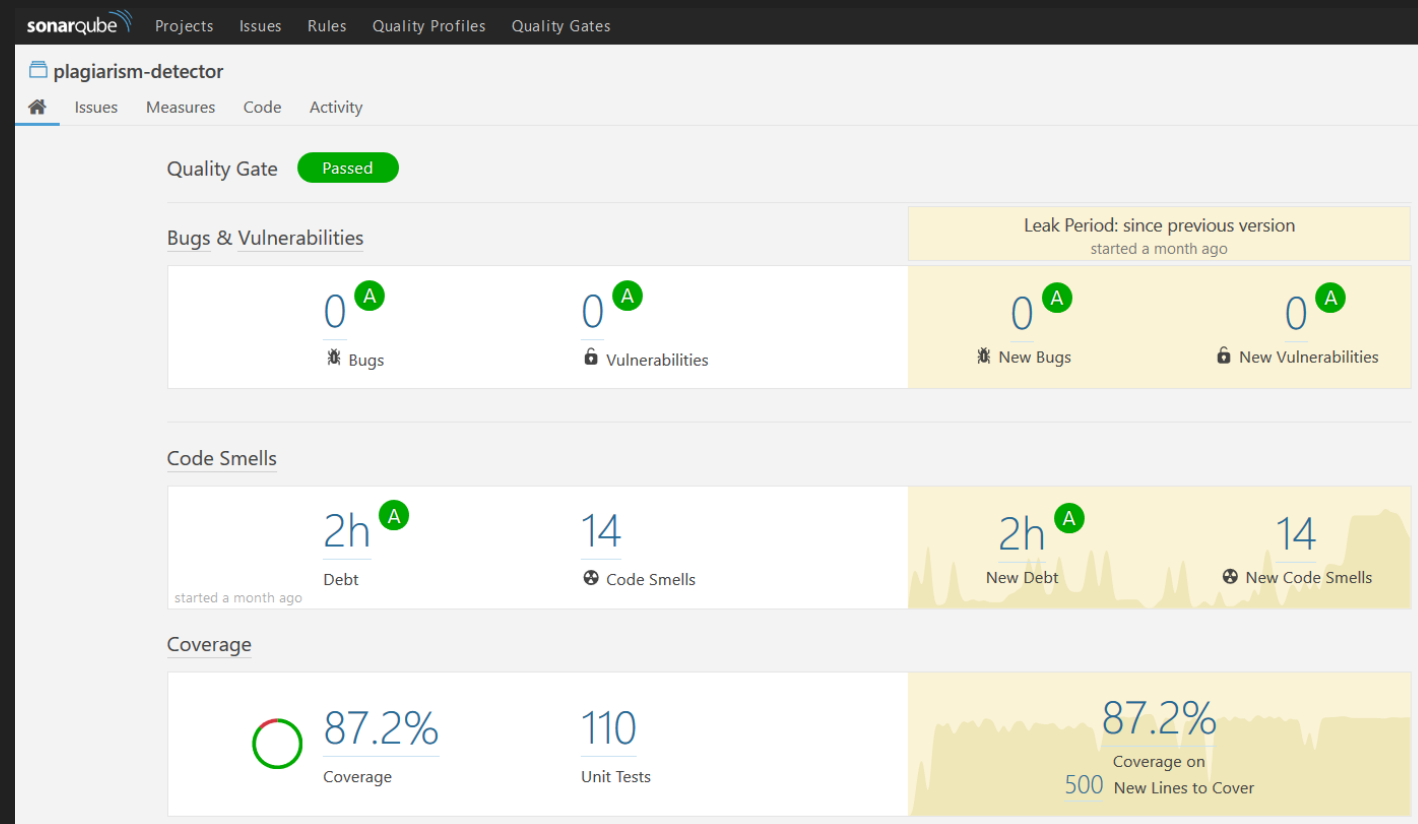
Job Quality

○ Did the team improve performance with time?

- Yes, we added more features and resolved bugs over time.
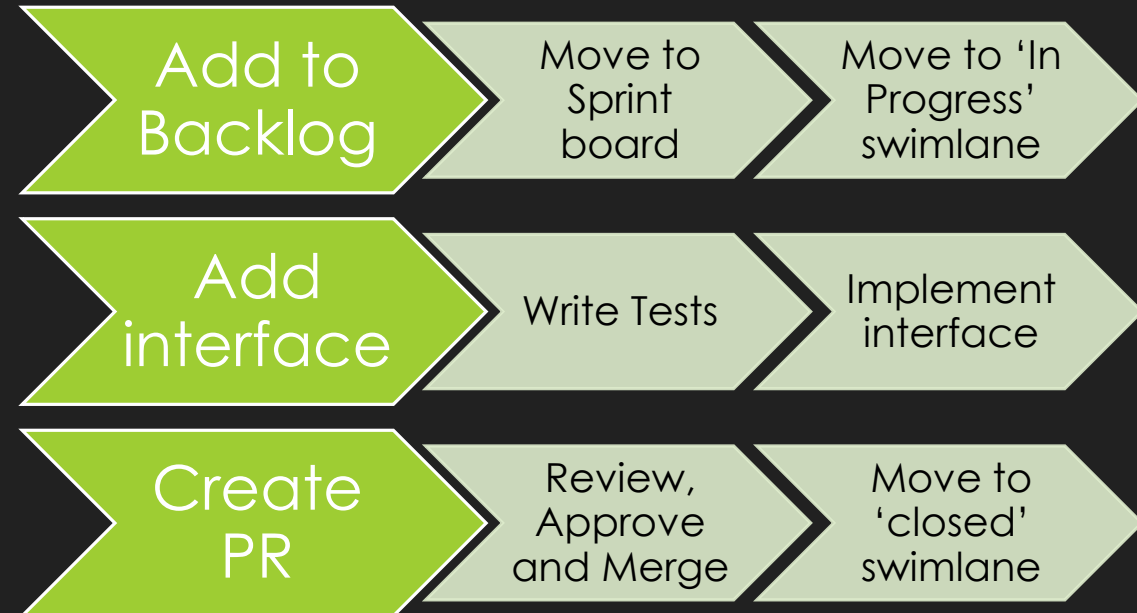- Listened to feedback given by others and made changes.

Process and Teamwork

○ Did the team work as a team?

- Yes, we met in-person most of the times and helped each other with design and implementation

Process and Teamwork

- Did the team use process well?

  - Yes, agile methodology was followed

Add to Backlog	Move to Sprint board	Move to 'In Progress' swimlane
Add interface	Write Tests	Implement interface
Create PR	Review, Approve and Merge	Move to 'closed' swimlane

Process and Teamwork

- Was the team able to automate the build, test, and promote processes?

  - Yes, Jenkins was used for Continuous Integration.
 - Merging was allowed only after build passed

Process and Teamwork

○ Did the team recognize short-comings? If so, how well did they work around the challenges?

- Configuring Jenkins was a big hurdle
  - Faced a lot of downtimes with Jenkins
  - Alex helped us with the operations aspect of the project

- Moss Integration was problematic
  - Did not get credentials for

Technology Transfer

○ Is the system in shape to be handed over to the client?

- Yes, download the app today!
  https://plagiarism-detector-107.herokuapp.com
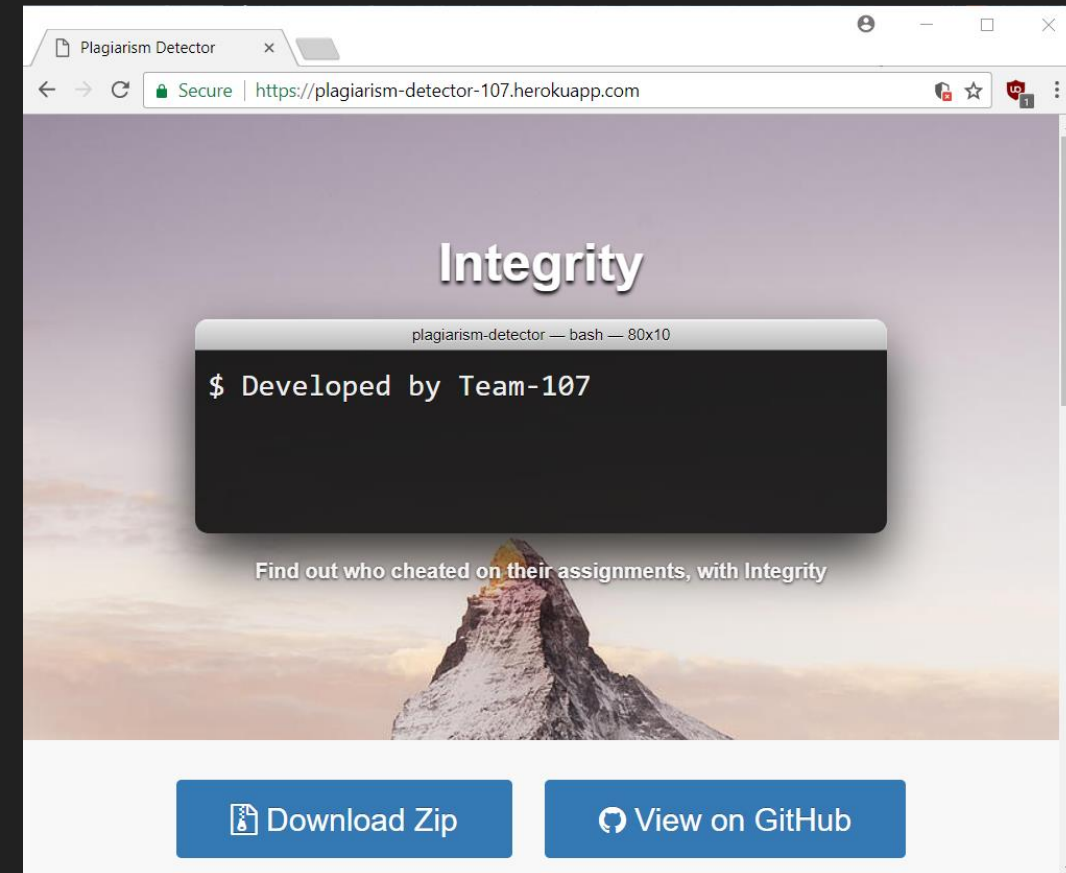
Technology Transfer

○ Next Steps

- Continue refactoring the code
- Add support for other programming languages
- Provide support to the instructors and TAs

Thank you!