Target

Gopika M
LKTE18MCA061

Department of Computer Applications
Rajiv Gandhi Institute of Technology, Kottayam

Guided By :
Prof. Shalu Murali
Assistant Professor
Department of Computer Applications

15 April 2021

Overview

Introduction

- Online learning is when you take courses online instead of in a physical classroom.
- online courses/training have become extremely popular.
- Individuals can take a course from the comfort of their home or anyplace.

Existing System

- A traditional classroom system.
- standard curriculum delivered by a teacher in-person.
- Scope of learning is limited to the teacher.

Proposed System

- Target Learning App-Video content subscription model.
- An app with engaging video lessons clubbed with Personalized live sessions.
- App provides chapter tests, Practice questions and chapter materials along with previous year question papers

Proposed System

- Features
  - Conceptual learning.
  - Live Interactive sessions.
  - Video downloading options.
  - AI-based exams and results.

Modules

- Video Streaming Module
  - Exo player integration.
  - Offline video encryption(HLS encryption).
  - Customised template for disallow tampering.
  - API integration.
  - Zoom platform Integration.

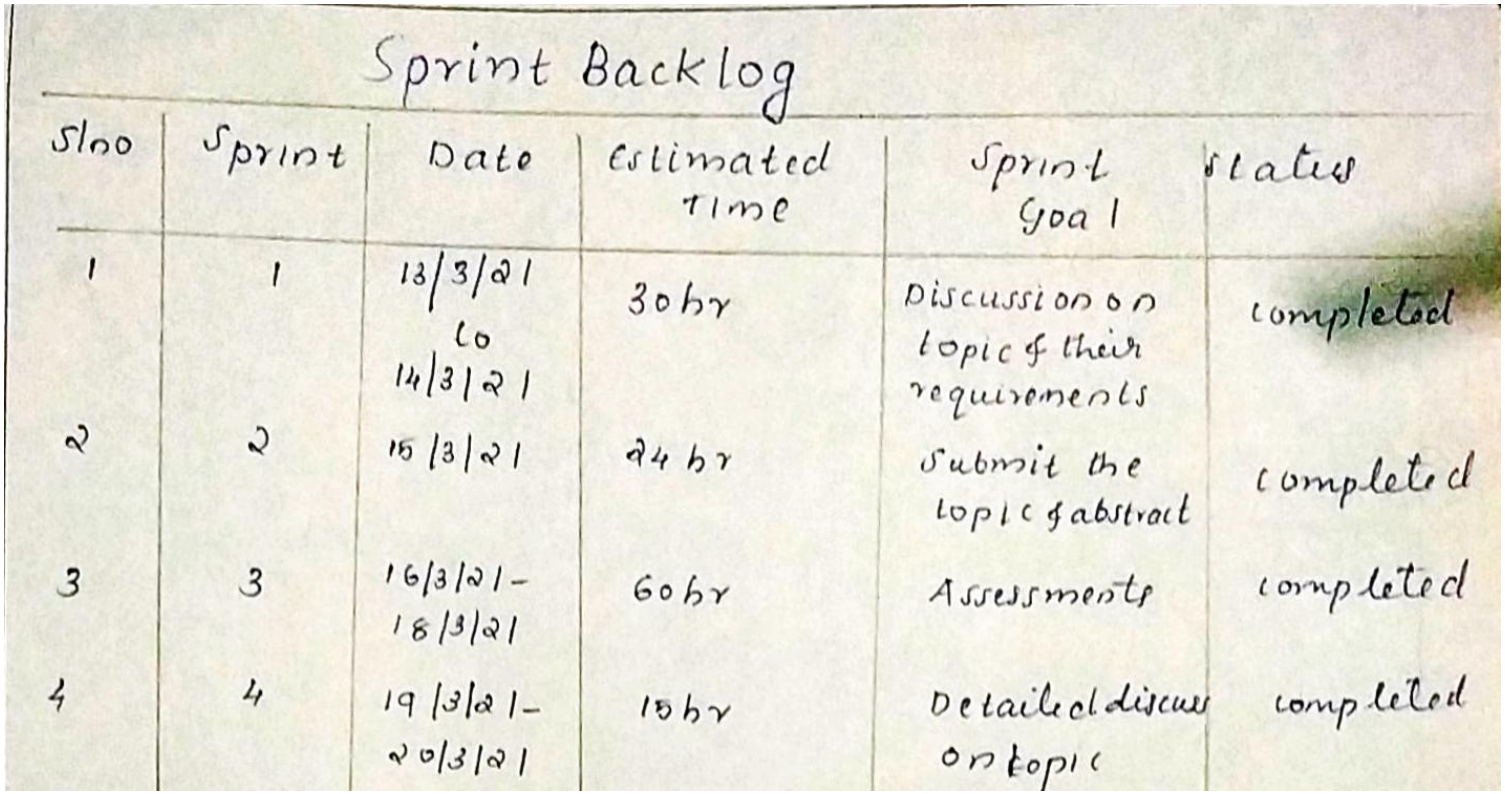
Modules..

- Exam Module
  - Course specific exam creation.
  - Question pool.
  - Scheduled time sessions of exams.
  - AI-based performance Suggestions for student.

Product Backlog

Sl.No	Description	Priority
1	Student Access Uploaded Videos	1
2	Download video to watch while offline	2
3	Take exam at scheduled time slots	3
4	Get results as progress reports	4
5	Get suggestions for exam performance	5
6	Earn points on references	6

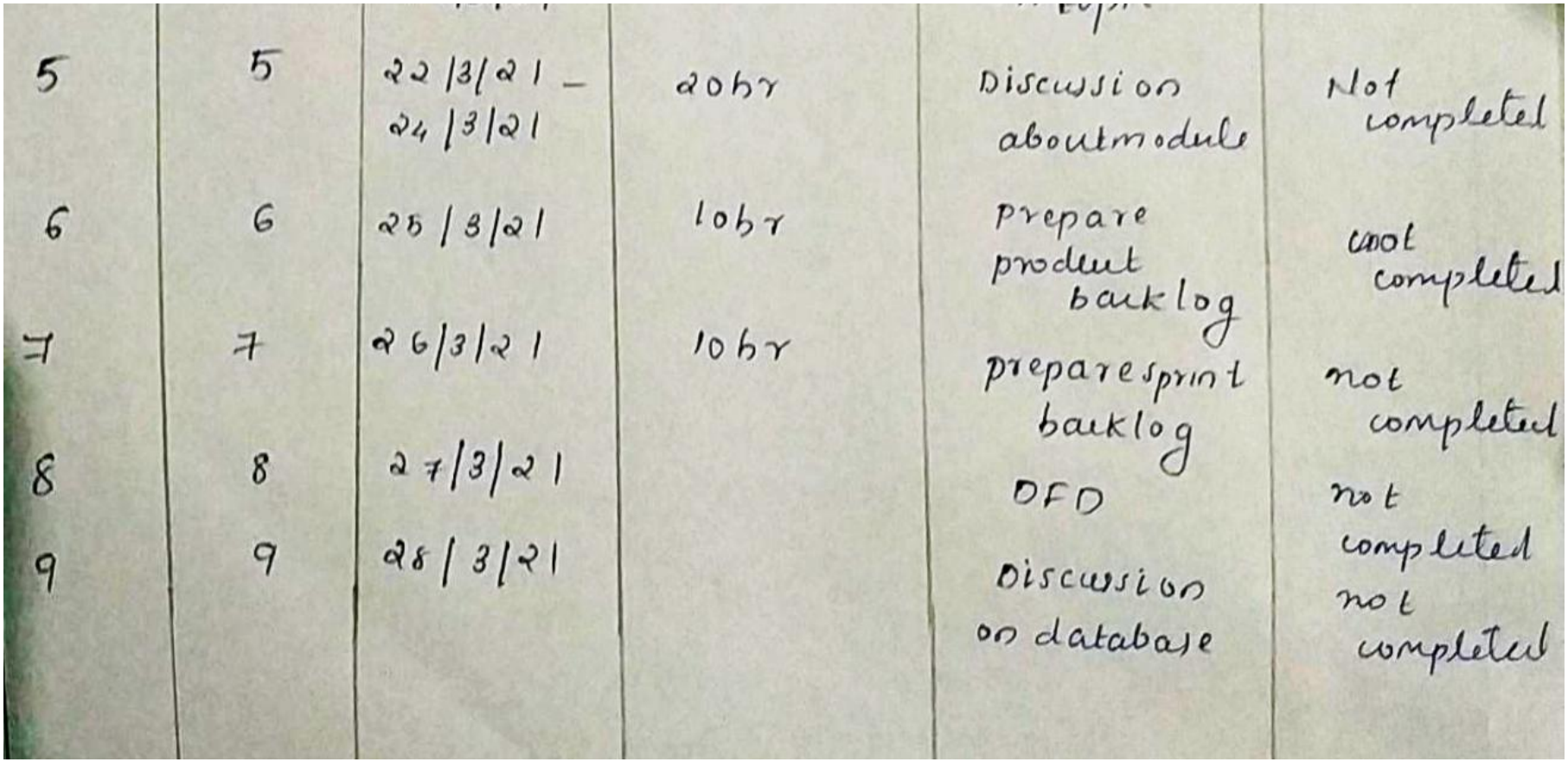
Sprint Backlog



Sprint Backlog

Sno	Sprint	Date	Estimated Time	Sprint Goal	Status
1	1	13/3/21 to 14/3/21	30 hr	Discussion on topic & their requirements	completed
2	2	15/3/21	24 hr	Submit the topic & abstract	completed
3	3	16/3/21 - 18/3/21	60 hr	Assessments	completed
4	4	19/3/21 - 20/3/21	15 hr	Detailed discuss on topic	completed

Sprint Backlog



5	5	22/3/21 – 24/3/21	20hr	Discussion about module	Not completed
6	6	25/3/21	10hr	prepare product backlog	not completed
7	7	26/3/21	10hr	prepare sprint backlog	not completed
8	8	27/3/21		DFD	not completed
9	9	28/3/21		Discussion on database	not completed

Hardware and Software Specifications

- Hardware Specifications
  - Windows 10
  - 32-bit or 64-bit
  - 4 GB Ram
  - Intel/AMD @2.0 GHz
- Software Specifications
  - Android
  - Kotlin

Git Screenshots

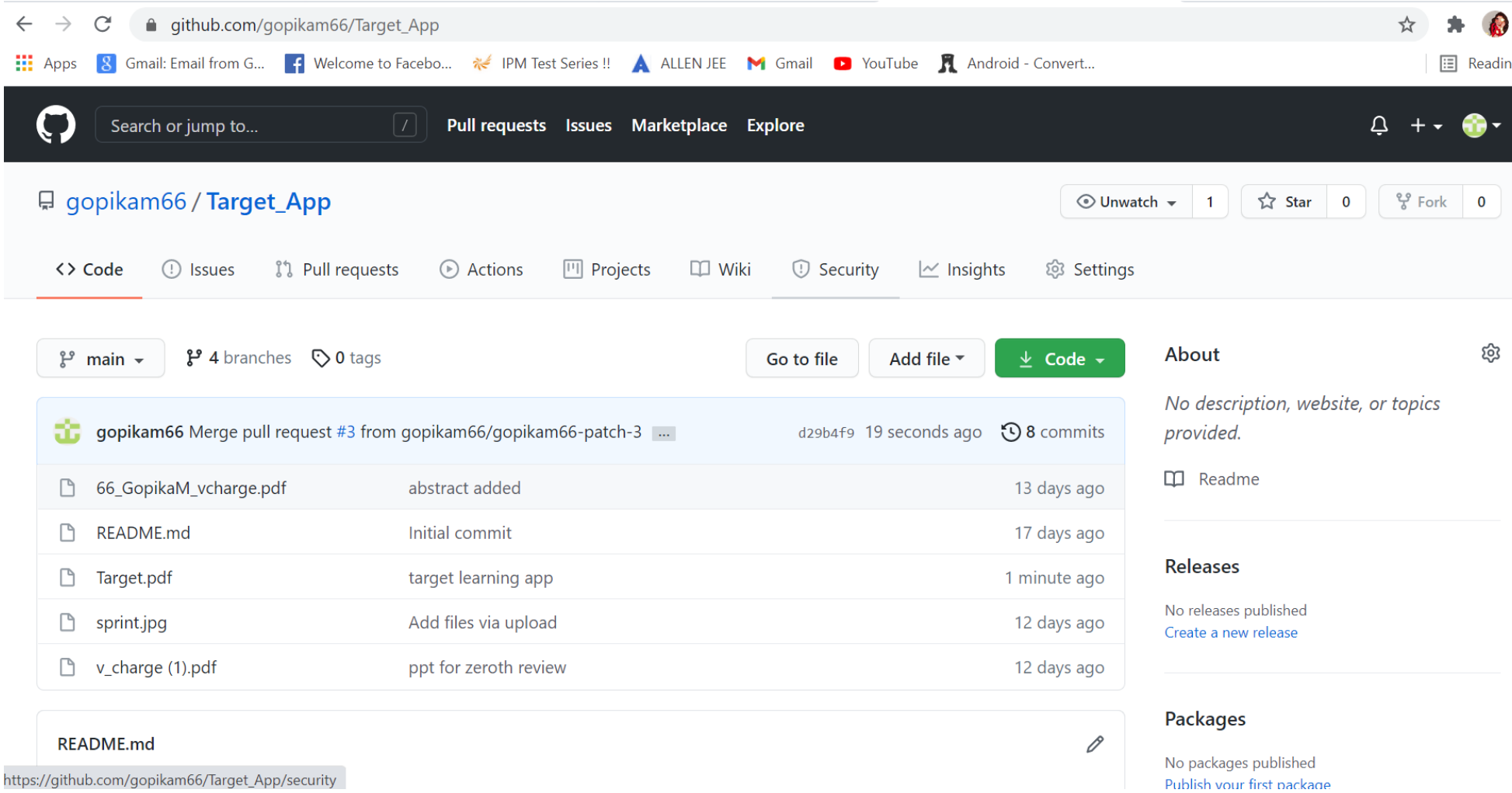


Figure: Screenshot

Conclusion

- Going to introduce an app with more features.
- Goal :Aims at making a scheduled concept learning process for students and our academic technology team is making sure that the students fall in love with leaning process. .

Thank You