



QUICK LEARNING APP





AGENDA:

- FEEDBACK
- ROLE AND RESPONSIBILITIES
- PROBLEM STATEMENT
- PROJECT DESCRIPTION
- PERSONAS
- MVP
- TECHNOLOGIES
- ARCHITECTURE DIAGRAM
- SPRINT RECAP
- PRODUCT BACKLOG
- USER STORIES
- TEST CASES
- COMMITTED VS COMPLETED RATIO
- RETROSPECTIVE



IMPROVEMENTS MADE:

Made the changes in Wiki page and made it User Friendly.

Demo for the project added at the end.

Order of the presentation changed.

Changed the user stories.

Velocity chart changes completed.

Proper headings on the page added.



ACCOUNTABILITIES:



AMIT BHAYAL
(Software Developer)



ANKUSH GURHANI
(Software Developer)



GENIUS MACHADO
(Software Developer)



SHARANYA DAVE
(Database Administrator)



SRAVANI EATA
(Business
Analyst/Software Tester)



**USHA SRI
TIRUMALASETTY**
(Software Tester / SDE 2)



PROBLEM STATEMENT:

1

How Students and Parents know the objective of the subjects taught in the class ?

2

How the teachers and the student communicate with each other after the school hours ?

3

How the Parents monitor their kids assignments and learning material ?

4

How the current system can notify the user about any updates just in time ?



PROJECT DESCRIPTION:



- QUICK LEARNING IS A SOFTWARE THAT IS DESIGNED SPECIFICALLY TO CREATE, DISTRIBUTE, AND MANAGE THE DELIVERY OF EDUCATIONAL CONTENT.
- THE QUICK LEARNING APPLICATION CAN BE HOSTED AS A STAND-ALONE PRODUCT ON THE COMPANY SERVER, OR IT CAN BE A CLOUD-BASED PLATFORM THAT IS HOSTED BY THE SOFTWARE FIRM.
- THE GOAL OF THIS PROJECT IS KNOWLEDGE MANAGEMENT WHICH MEANS GATHERING, ORGANIZING, SHARING AND ANALYSIS OF AN ORGANIZATION'S KNOWLEDGE/RESOURCES.



PERSONAS



PERSONA -1:



Name :- Olivia

Job Role/Description :- Admin / Principal

Age :- 34

- Olivia manages teams of teacher's, each teacher has 40 students assigned to her.
- As the admin / Principal she overlooks the activity of the teachers and provides help when needed.
- Ensuring a standard curriculum is being followed through the institute.
- Providing resources for the teachers to update according to the changing market scenario.



PERSONA -2:



Persona :- Mathew

Job Role/Description :- Teacher

Age :- 29

- He teaches Geometry.
- As a teacher, it's his responsibility to prepare lesson plans and make courses available to the students on time and collect deliverables from the student.
- Also grading them accordingly in the given time frame.
- Along with this he has to maintain the progress report of each student.
- Prepare annually grade report for each student.



PERSONA -3:



Name :- Noah

Role/Job Description :- Student

Age :- 19

- As a student, it is his responsibility to manage his course work and keep track of his deadlines.
- Meeting the requirements to receive the desired grades.
- Completing a degree that will help him reach his career goal.
- Getting accepted at his top choice of college.



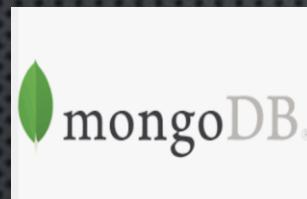
MINIMAL VIABLE PRODUCT(MVP):

- **LOGIN** - USER CAN LOGIN INTO THE APPLICATION WITH VALID CREDENTIALS.
- **REGISTRATION/SIGNUP** - USER CAN REGISTER INTO APPLICATION.
- **Homepage** - USER CAN VIEW THE COURSE.
- **Logout** - USER CAN LOG OUT FROM THE APPLICATION.
- **Add Course** - USER CAN ADD THE COURSES INTO THE APPLICATION.
- **Delete Course** - USER CAN DELETE THE COURSES FROM THE APPLICATION.
- **Cart** - COURSES SELECTED BY THE STUDENTS ARE STORED IN THE CART.
- **Admin Dashboard** - MINIMAL SETTINGS PAGE FOR ADMIN & ENROLMENT OF A STUDENT.
- **Database** - MINIMAL DATABASE TO STORE SIGN IN AND COURSE INFORMATION.



TECHNOLOGIES:

Database:



Communication:



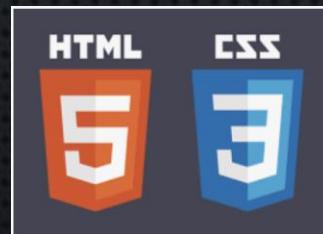
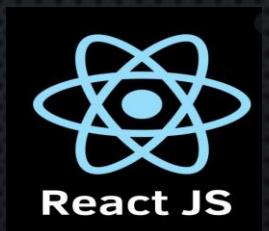
Deployments:



Back-end:



Front-end:



Repository:



Code editor:

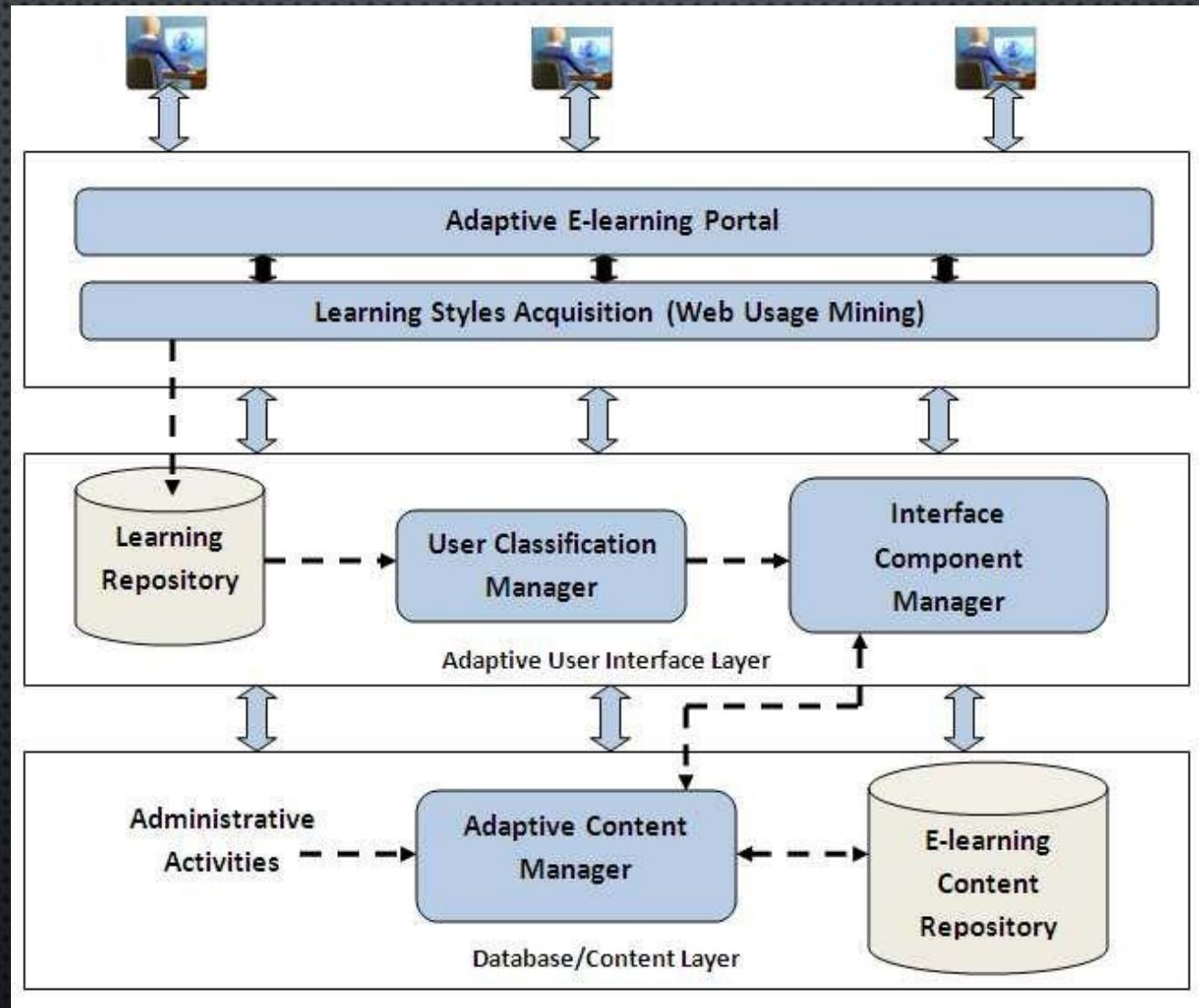


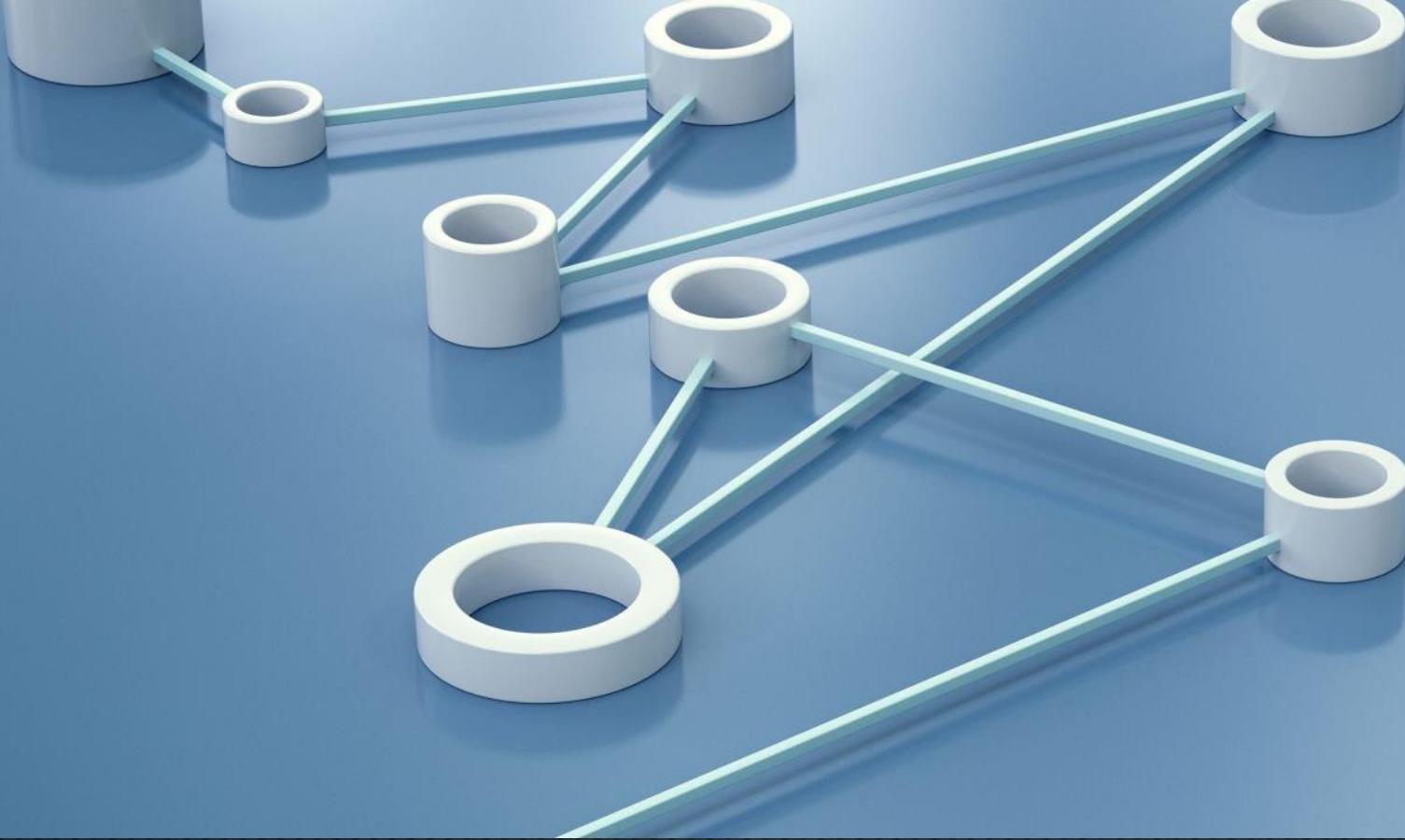
Project Tracking:



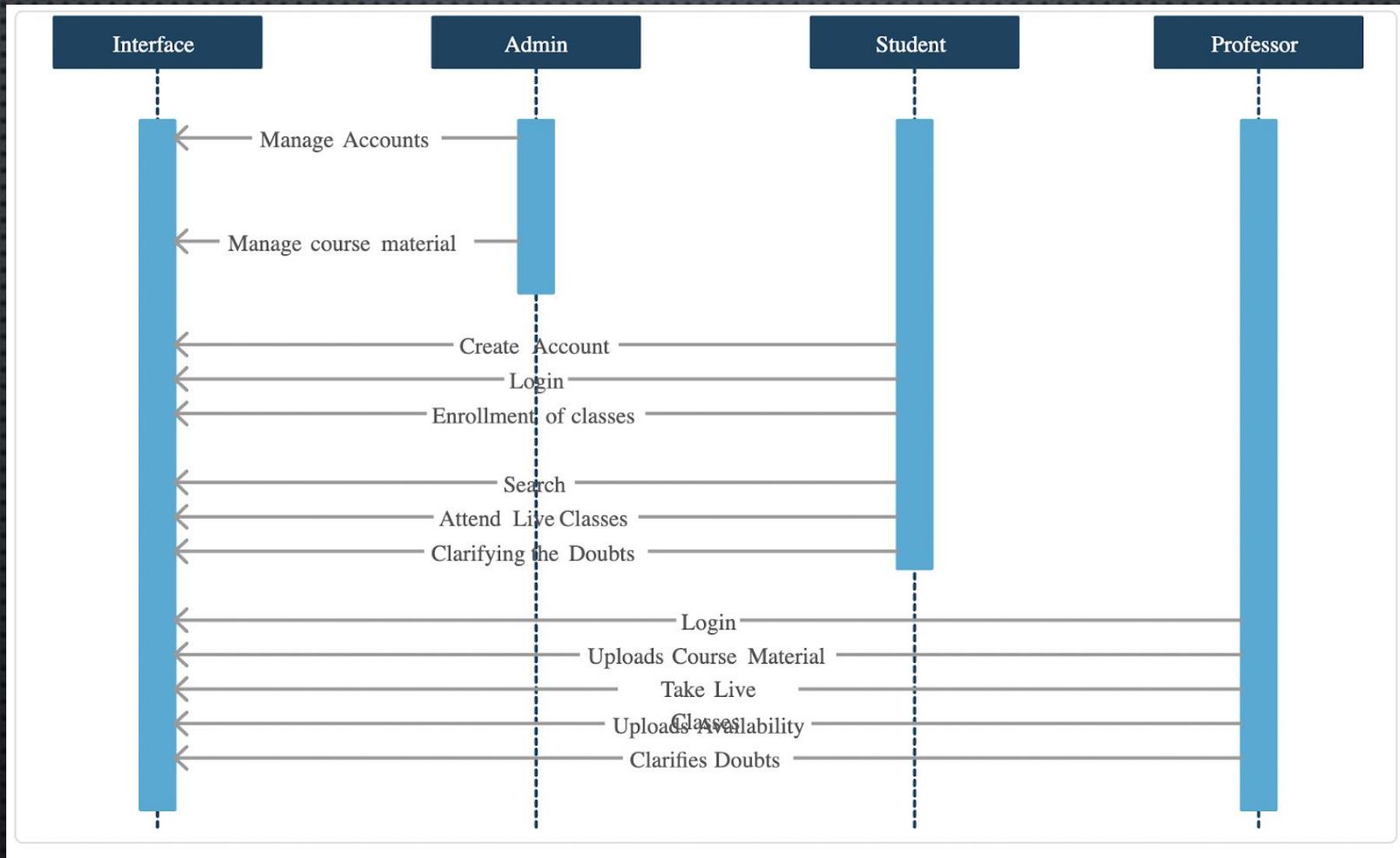


CONCEPTUAL ARCHITECTURE DIAGRAM:





USER INTERACTION DIAGRAM:





APPLICATION MODELING:

Quick Learning
App

Authentication
&
Authorization

Admin

- Departments, Courses, Professors, and Students list.
- Maintaining and monitoring the professors and student's profile.
- Communication channels.
- Maintaining and monitoring courses content up-to-date.
- Looking into Accounts.

Professor

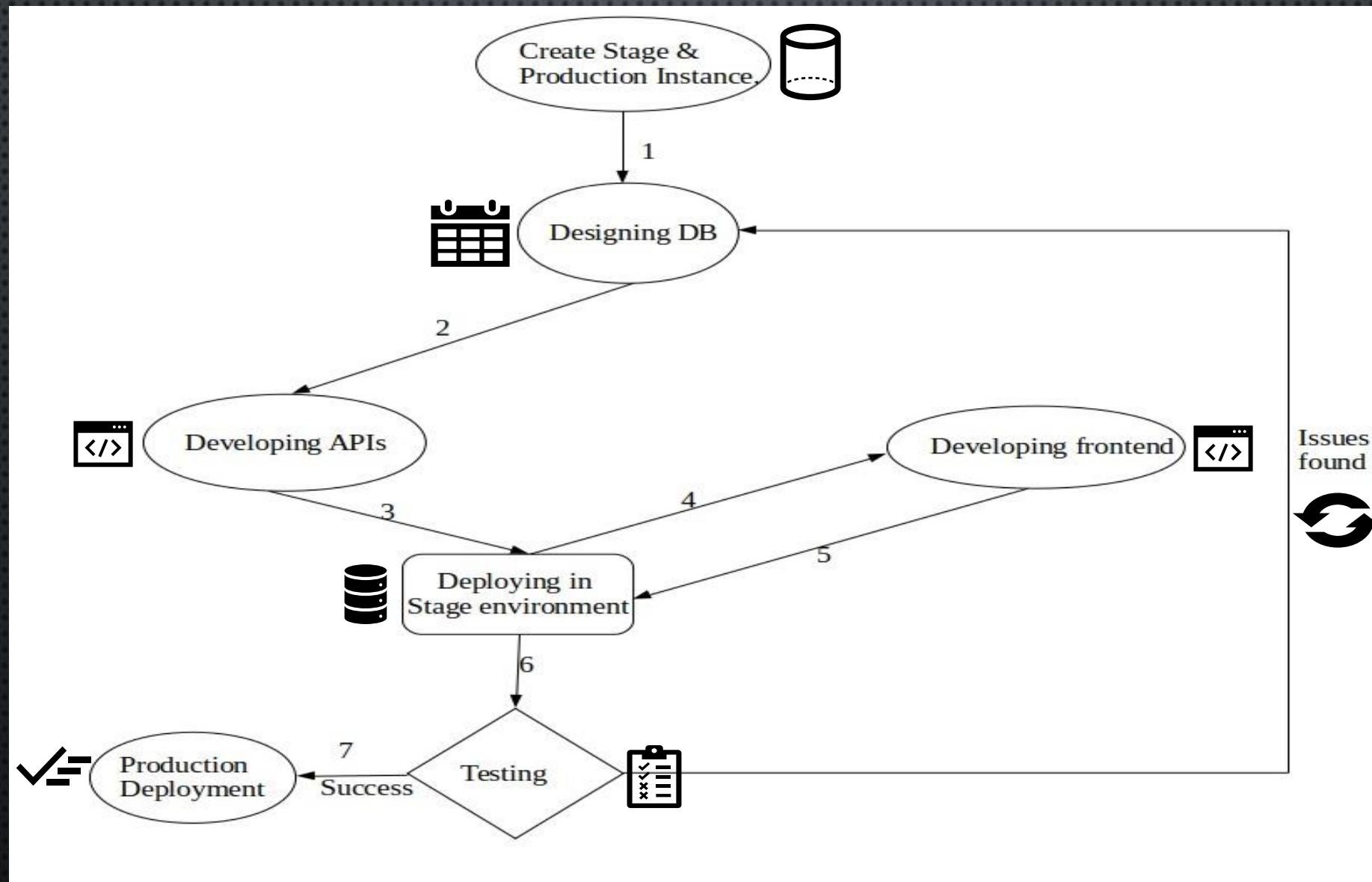
- Upcoming schedules.
- List of courses.
- Attend live classes.
- Uploading course related contents.
- Uploading assignments, quizzes and exams.
- Give marks and feedbacks.
- Monitoring the student's progress.
- Conduct Study hours.
- Special Classes.
- Communication channels.

Student

- List of courses.
- Weekly schedule.
- Personal profile.
- Upload assignments, write exams, submit quizzes.
- Marks.
- Achievements.
- Workshops.
- Badges.
- Certifications.
- Downloads.
- Important (OR) Saved materials.
- Handshake.
- Communication channels.
- Courses payment details.



PRODUCT DEVELOPMENT CYCLE:





SPRINT 2 RECAP:

- DRY RUN
- DATABASE DESIGN
- USER SIGN-UP
- USER LOG-IN
- USER LOG-OUT

SPRINT 2 VS SPRINT 3

Sprint 2	Sprint 3
Diagrams	Stabilized the diagrams.
SignUp	Resolved the issues when SignUp.
Login	Resolved the Issues in Login screen.
Logout	
	Course access to the all roles.
	Resolved the issues while course access.



PRODUCT BACKLOG:

Story_Id	Story	Status
US015	Need to encrypt the password while storing in Database.	To-Do
US016	As a user, I want to do the payment so that I can join or able to see the class of the course that I want to learn.	To-Do
US017	Need to add the faster loading pages.	To-Do
US018	As a user, I want the content in my language because it is convenient for me.	Planned
US019	As an admin, I want to send messages to the students and professors, so that they are aware of all the events of my organization.	To-Do
US020	As a user, I want to see the notifications so that I will know the updates.	To-Do
US021	As a student, I want to know the top-rated courses in the market, so that I can buy that course.	To-Do
US022	As a student, I want to text with other students, so that I can communicate with them.	To-Do
US023	As a student, I want to check my grades, so that I will know my progress.	To-Do



Story_Id	Story	Status
US002	adding "MY ACCOUNT" to save/edit personal information.	In Progress
US005	Giving the feedback to the student for the quiz/Test.	In Progress
US006	Uploading course material for the course.	In Progress
US010	Announcement for the class for a particular course	In Progress
US024	As a student, I want to download the materials, so that I can learn when there is no network.	To-Do
US025	As a student, I want to see my workflow, so that I can do my pending works.	To-Do
US026	As a professor, I want to know the low graded students list, so that I can connect more with them.	To-Do
US027	As a professor, I want to know my upcoming schedules, so that I can attend the classes.	To-Do



SPRINT BACKLOG:

- USER STORY – US002 – ADDING "MY ACCOUNT" TO SAVE/EDIT PERSONAL INFORMATION
- USER STORY – US005 – GIVING THE FEEDBACK TO THE STUDENT FOR THE QUIZ/TEST
- USER STORY – US006 – UPLOADING COURSE MATERIAL FOR THE COURSE
- USER STORY – US010 – ANNOUNCEMENT FOR THE CLASS FOR A PARTICULAR COURSE



USER STORIES

ACCEPTANCE CRITERIA		
Summary		
User Story	US001	<p>As an Admin I want to be able to login and logout of the application. So that the I can login in to the application and see my Personal Profile using email/phone and password.</p>
Acceptance Criteria	AC001	<p>Scenario:The Admin wants to log into his/her portal. Given I'm the role of a logged in user. When I open the web app then it should ask for my credentials.</p>
User Story	US002	<p>As an Admin. I want to login into the My Account. So that I can save/edit all the information.</p>
Acceptance Criteria	AC002	<p>Scenario: The guest user wants to access "My Account". Given I'm the role of guest user . When the user is on the home page of the application . And he has successfully logged on to the after verifying their id password . Then they can access their "My Account" page . And see their course materials .</p>
User Story	US003	<p>As an admin I want to be able to view the list of students/teachers in the course. So that I can verify the Student count and track the teacher's activities.</p>
Acceptance Criteria	AC003	<p>Scenario: the admin wants to find x student in a particular course . Given I'm logged in as the admin . When I search for "John" . Then his details from the database should be</p>
User Story	US004	<p>As a student, I want to view the list of courses. So that I can access the course material.</p>
Acceptance Criteria	AC004	<p>Scenario:the student wants to find his math assignment . Given they have verified their password . When they search for an algorithm . Then all the course material related to the algorithm</p>
User Story	US005	<p>As an Professor, I want to upload the feedback So that the individual performance of each student is monitored</p>
Acceptance Criteria	AC005	<p>Scenario:the professor wants to give feedback to the student Given they have logged in using their e-mail id/password When they open each student's test Then they can grade their test/quiz</p>
User Story	US006	<p>As a Professor, I want to upload the course materials/videos. So that it is accessible to the student</p>
Acceptance	AC006	<p>Scenario:"the professor wants to upload content for the course Given they have logged in using their e-mail id/password When they open each file should have content</p>



		So that I can access the course material.
Acceptance Criteria	AC004	Scenario: the student wants to find his math assignment . Given they have verified their password . When they search for an algorithm . Then all the course material related to the algorithm
User Story	US005	As an Professor, I want to upload the feedback So that the individual performance of each student is monitored
Acceptance Criteria	AC005	Scenario: the professor wants to give feedback to the student Given they have logged in using their e-mail id/password When they open each student's test Then they can grade their test/quiz
User Story	US006	As a Professor, I want to upload the course materials/videos. So that it is accessible to the student
Acceptance Criteria	AC006	Scenario: "the professor wants to upload content for the course Given they have logged in using their e-mail id/password When they open each file should have content Then they should be accessible to the student "
User Story	US007	As a student, I want to give the exam So that I can get a final grade.
Acceptance Criteria	AC007	Scenario: the student wants to give exam/quiz Given they have logged in using their e-mail id/password When they open and complete the exam Then they should be graded based on that.
User Story	US008	As a student, I want to access the course material So that I can study for the finals.
Acceptance Criteria	AC008	Scenario: "The student wants to access material Given they have logged in using their e-mail id/password When they open each file content should be there Then they can access the file"
User Story	US009	As a professor I want to add the questions and answers for the quiz. So that the grade is available for the students to view "
User Story	US010	As a professor, I want to broadcast a message in the class So that the class can refer to that for announcement

USER STORIES

TEST CASES



User Story Id	Test ID	Description	Test Case	Current State	Test Data	Expected Result	Status
US001	TD0010	Login	Reach the login page	User did not login into the application		User should be able to login	Done
US001	TD0012		Provide valid username	User did not login into the application	username@sample@gmail.com	User should be able to enter the username in the specified box	Done
US001	TD0013		Provide valid Password	User did not login into the application	Eg:Abc@123		Done
US001	TD0014		Encryption of password	User did not login into the application	Eg:XXXXXXX	Password should not be visible	Done
US001	TD0015		Password should be more than 8 characters	User did not login into the application	Eg:Abcd@123	User should get the message that password is too short	Done
US001	TD0016		Login	User did not login into the application		User should be able to click on the login Button	Done
US001	TD0017		Create Account	User did not login into the application		User should be able to click on the create account and should be navigated to the account creation page	Done
US001	TD0018		Forgot Password	User did not login into the application		User should be able to reset the Password	Done
US002	TD0020	Account	Get the access to the account	User logged into the application		User should be able to log in.	Done
US002	TD0021		Change the Profile Picture	User logged into the application		User should be able to change the Profile Picture.	Done
US002	TD0022		Change the Personal Information	User logged into the application		User should be able to change the Personal Information.	Done
US003	TD0030	Course - Admin	View list of students	User logged into the application as Admin	User should be Admin	User should be able see the list of courses	Done
US003	TD0031		View list of teachers	User logged into the application as Admin	User should be Admin	User should be able see the list of teachers	Done
US003	TD0032		View the count of students	User logged into the application as Admin	User should be Admin	User should be able count the list of students	Done
US003	TD0033		Track the teachers activities	User logged into the application	User should be Admin	User should be able see the teachers activities	Done
US003	TD0041	Course - students	View the list of course	User logged into the application as student	User should be student	User should be able to see the courses which he is enrolled	Done
US003	TD0042		View the list of course	User logged into the application as student	User should be student	User should be able to see the courses which he is not enrolled	Done
US003	TD0043		View the materials	User logged into the application as student	User should be student	User should be able to see the materials uploaded by teacher for the course	Done
US003	TD0051	Course - Professor	User should be able to give feedback	User logged into the application as professor	User should be Professor	User should be able to give the feedback of the assignments	Done
US003	TD0052		User should be able to upload the course materials	User logged into the application as professor	User should be Professor	User should be able upload the course materials	Done
US003			User should be able to upload the course videos	User logged into the application as professor	User should be Professor	User should be able to upload the course videos	Done
US001	TD0030	Logout	Get the access to the account	User logged into the application		User should be able to log in	Done
US001	TD0031		Click on logout	User logged into the application		User should be able to locate log out on the home page	Done
US001	TD0032		get a confirmation message	User logged into the application		User should get the confirmation message	Done
US001	TD0033		Click yes	User logged into the application		User should click on yes button to terminate the session	Done



STORIES COMPLETED:

- US001 - LOGIN/LOGOUT
- US003 – LIST OF STUDENT/TEACHERS IN THE COURSE
- US004 – ADMIN, STUDENT, PROFESSOR COURSE ACCESS
- US007 – ATTEMPT THE QUIZ/TEST
- US008 – ACCESS THE COURSE MATERIAL



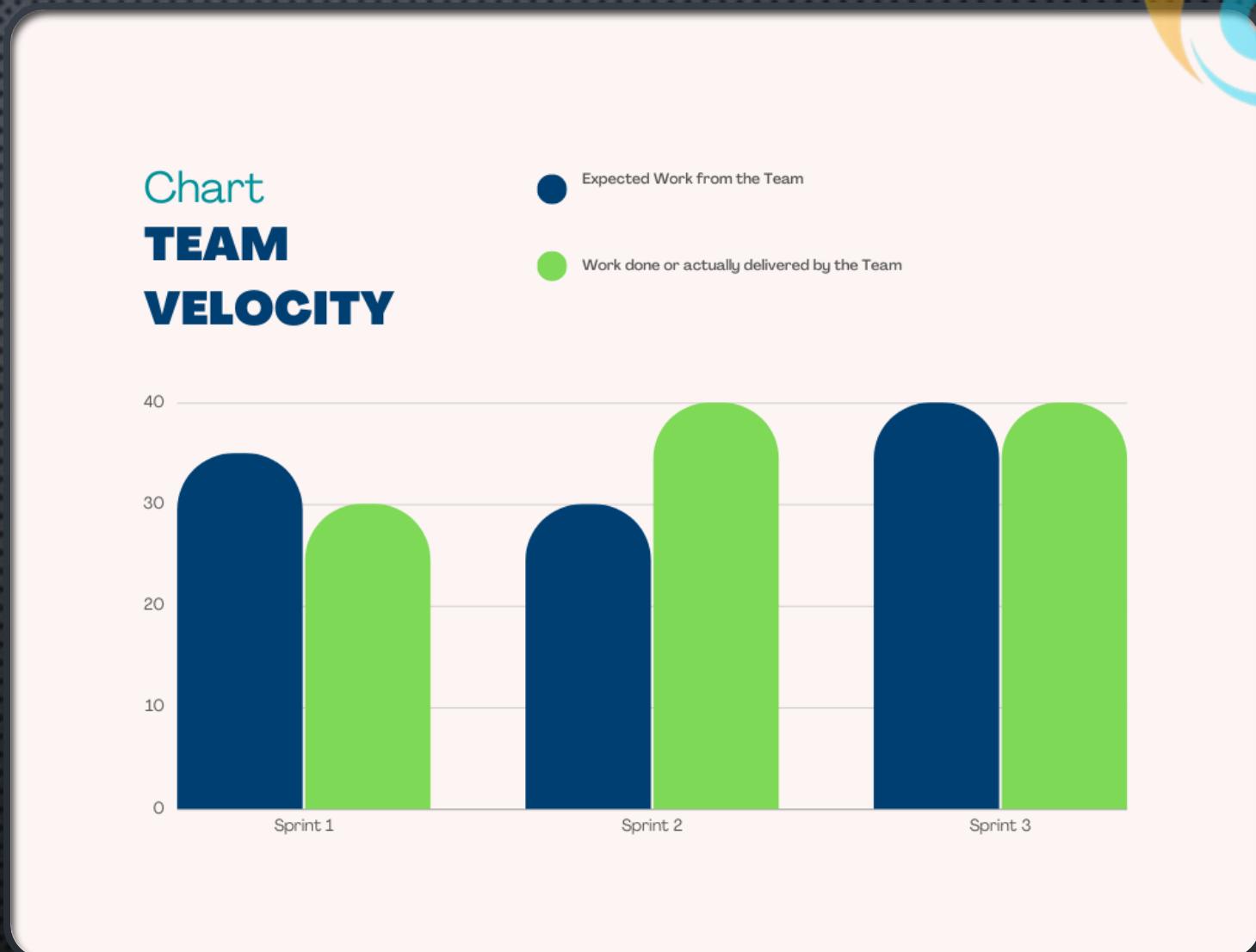
STORIES NOT COMPLETED:

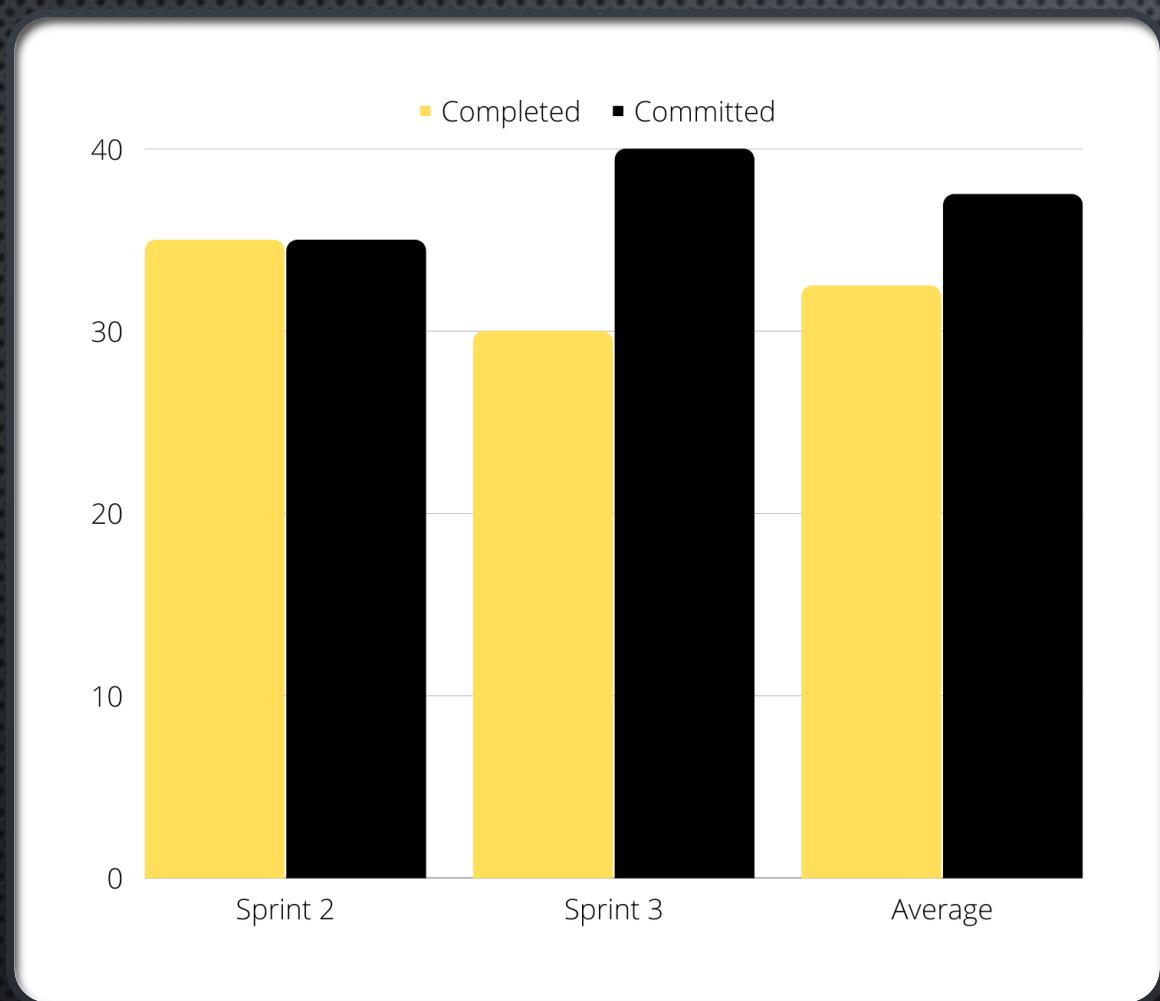
- USER STORY – US005 – GIVING THE FEEDBACK TO THE STUDENT FOR THE QUIZ/TEST.
- USER STORY – US010 – ANNOUNCEMENT FOR THE CLASS FOR A PARTICULAR COURSE.
- USER STORY – US006 – UPLOADING COURSE MATERIAL FOR THE COURSE.



TEAM VELOCITY CHART:

- THE BAR BELOW DESCRIBES THE GROWTH OF OUR PROJECT DURING SPRINT 1, 2 AND 3.
- THIS CHART SHOWS MORE IN-DEPTH ANALYSIS OF TIMELINE PRODUCTIVITY WHERE OUR TEAM WAS ABLE TO KEEP UP THE DELIVERANCE WITH THE EXPECTATION.





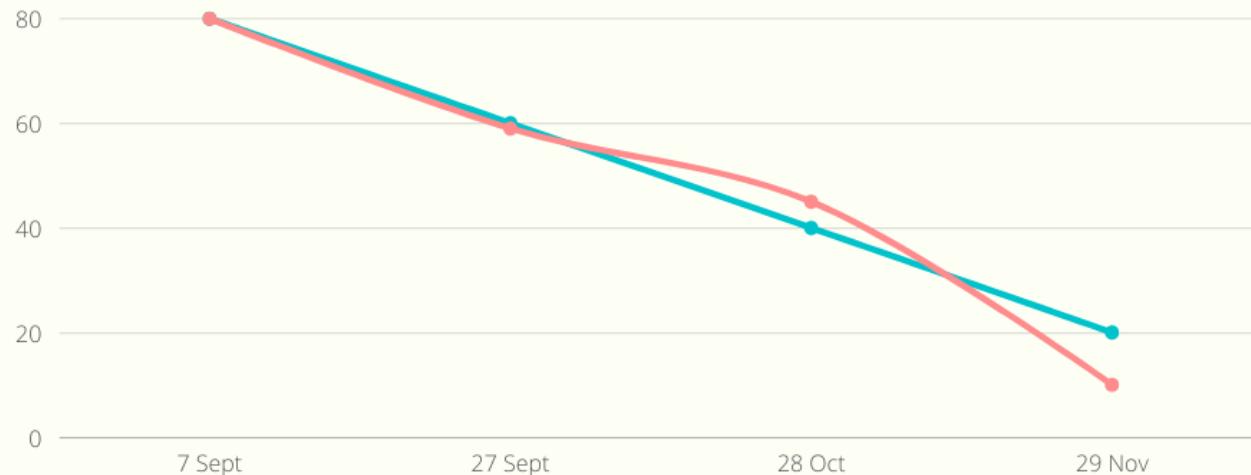
TEAM HISTORY VELOCITY (AVERAGE)



BURN DOWN DIAGRAM:

- OUR TEAM HAS ALWAYS MANAGED TO STAY AHEAD OF TIME TO NOT MISS WITH ANY DEADLINES OR DUES.
- BLUE LINE IS THE BENCHMARK TO HOLD ON AS A REFERENCE.

Burndown Chart



Index

The Y - axis represents the Story Points and the X - axis represents the deadlines.

Tasks To-Do

Our team has always managed to stay ahead of the deadlines and not miss any dues by overdelivering and never underdelivering.

Work Done

A benchmark to hold on for the reference.



Committed-Completed Ratio

Committed



Completed



FOR SPRINT 2

**COMMITTED/
COMPLETED
RATIO**

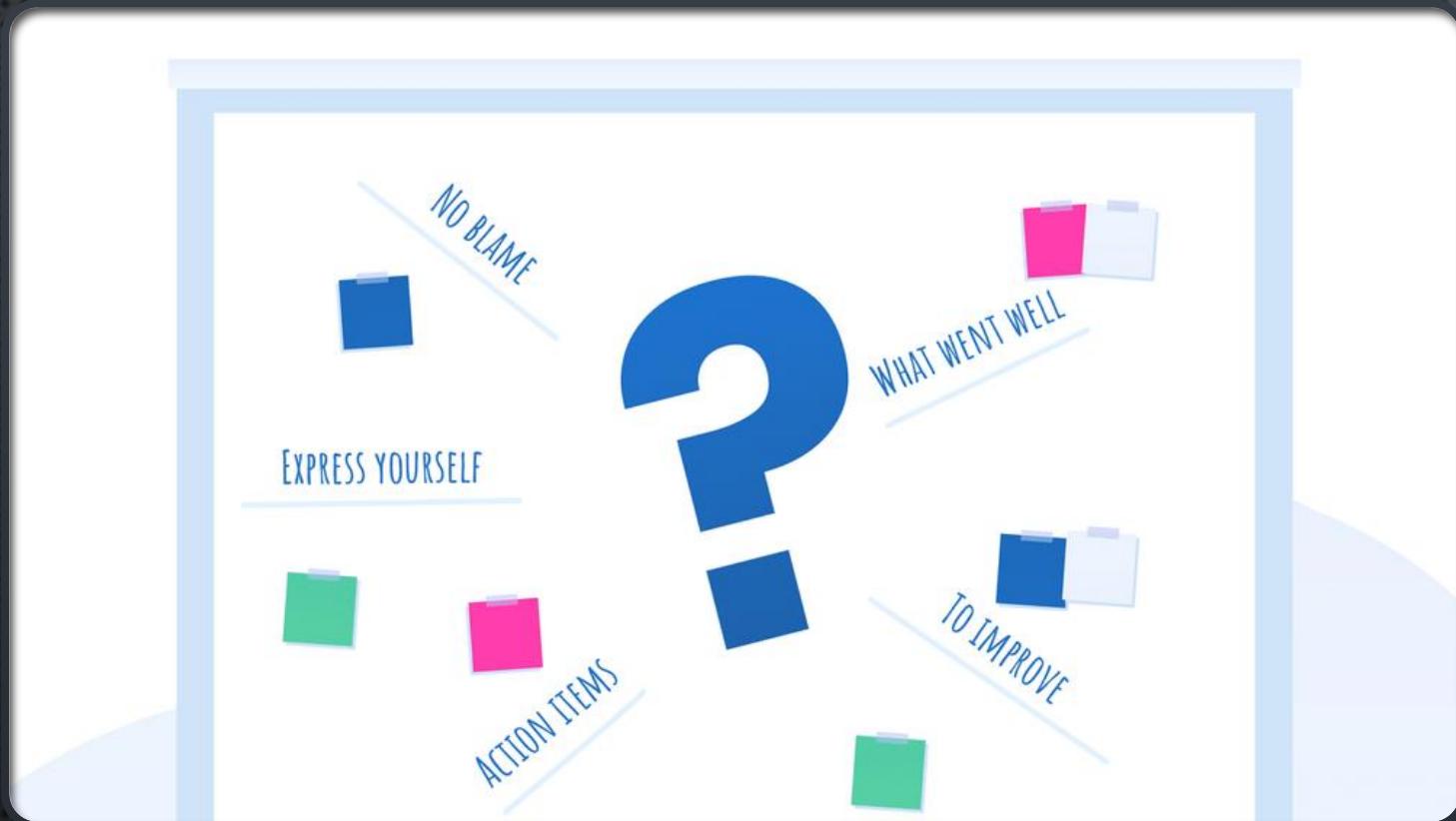


Committed-Completed Ratio



FOR SPRINT 3

**COMMITTED/
COMPLETED
RATIO:**



RETROSPECTIVE



WHAT WENT WELL?

- PROTOTYPE GAVE US THE HEAD START ON DEVELOPMENT.
- TESTING GAVE US VALUABLE INSIGHTS.
- BETTER USER STORIES WITH MORE DEFINED ACCEPTANCE CRITERIA.
- THE COLLABORATION WAS GOOD IN OUR PAIRED CODING SESSIONS.
- GOOD PARING WORK WAS DONE DESPITE REMOTE WORK.
- GOOD COMMUNICATION AMONG THE TEAM MEMBERS HELPED TO COMPLETE THE TASK ON TIME.



WHAT DID NOT GO WELL?

- UNDERSTAND THE USER STORY BEFORE PICKING IT.
- OUR ESTIMATES WERE A BIT OPTIMISTIC.
- TRY ELIMINATING UNNECESSARY MEETINGS.
- PROTOTYPE TOOK A LOT LONGER TO IMPLEMENT THAN EXPECTED.
- TOOK MORE THAN ESTIMATED TIME TO FIX THE BUGS.



WHAT NEEDS IMPROVEMENT?

- EACH DEVELOPER SHOULD ANALYZE THE USER STORY AND THEN DISCUSS WITH THE TEAM IN ORDER TO CHECK HIS UNDERSTANDING ON IT.
- THINK AND DISCUSS ABOUT THE ACTION ITEMS TOGETHER.
- ASSIGN THE ISSUE TO YOURSELF BEFORE STARTING WORK ON IT EVERY TIME.
- DO THE UNIT TESTING TO DECREASE THE NUMBER OF BUGS.

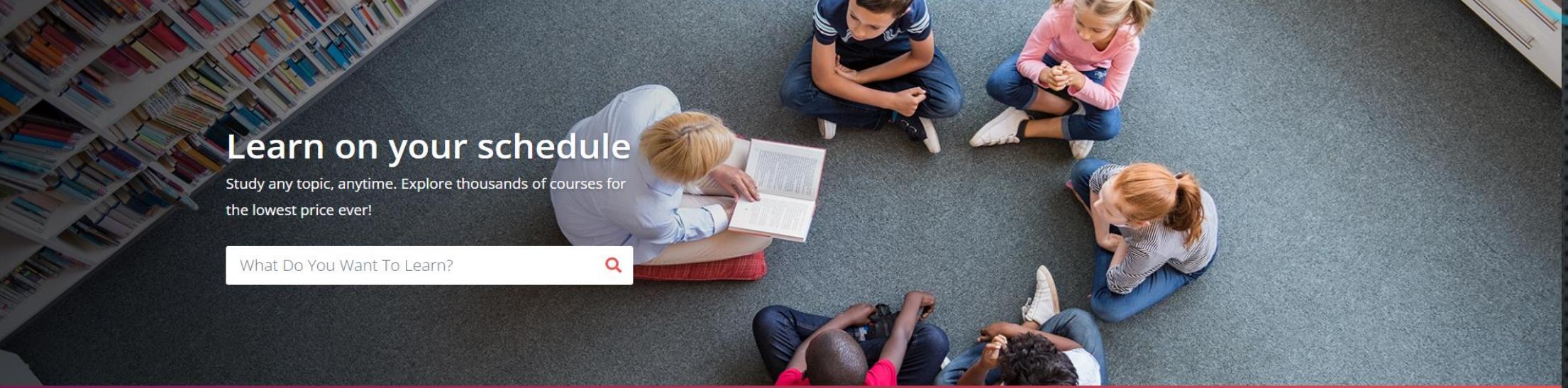


STORIES PLANNED/COMMITTED IN SPRINT 4:

Story_Id	Story	Status
BREW-107	Need to encrypt the password while storing in Database.	To-Do
BREW-108	As a user, I want to do the payment so that I can join or able to see the class of the course that I want to learn.	To-Do
BREW-109	Need to add the faster loading pages.	To-Do
BREW-111	As an admin, I want to send messages to the students and professors, so that they are aware of all the events of my organization.	To-Do
BREW-112	As a user, I want to see the notifications so that I will know the updates.	To-Do
BREW-115	As a student, I want to know the top-rated courses in the market, so that I can buy that course.	To-Do
BREW-116	As a student, I want to text with other students, so that I can communicate with them.	To-Do



**SLIDES APP
SCREENSHOT:**



Quick Learning

Courses

Search For Courses

Log In

Sign Up

0

Learn on your schedule

Study any topic, anytime. Explore thousands of courses for the lowest price ever!

What Do You Want To Learn? 

 **0 Online Courses**
Explore A Variety Of Fresh Topics

 **Expert Instruction**
Find The Right Course For You

 **Lifetime Access**
Learn On Your Schedule

Top Courses

Top 10 Latest Courses

Quick Learning

About Privacy Policy Terms & Condition Login



Courses

Search For Courses



Log In

Sign Up

Home / Login

Registered User

Login

Provide Your Valid Login Credentials.

Email:

Password:

Login

or Forgot Password

Do Not Have An Account? [Sign Up](#)



About Privacy Policy Terms & Condition Login



Courses

Search For Courses



Log In

Sign Up

/ Sign Up

Register Yourself

Registration Form

Sign Up And Start Learning.

First Name:

Last Name:

Email:

Password:

Sign Up

Already Have An Account? [Login](#)



Learning Management System Online

Visit Website



admin admin
Admin



admin admin

NAVIGATION

Dashboard

Categories >

Courses

Students

Enrolment >

Report >

Message

Settings >

Dashboard

ADMIN REVENUE THIS YEAR



0

Number Courses



0

Number Of Lessons



0

Number Of Enrolment



0

Number Of Student

COURSE OVERVIEW

INSTRUCTED INSTRUCTOR REVIEWS



admin admin

NAVIGATION

- Dashboard
- Categories >
- Courses
- Students
- Enrolment >
- Report >
- Message
- Settings >
 - System Settings
 - Website Settings
 - Payment Settings
 - Instructor Settings
 - Language Settings
 - Smtp Settings
 - About
 - Themes
 - Mobile App

Website Settings

WEBSITE SETTINGS

Banner Title*

Learn on your schedule

Banner Sub Title*

Study any topic, anytime. Explore thousands of courses for the lowest price ever!

About Us

This is about us

Welcome to Academy. It will help you to learn in a new ways

Terms And Condition

Terms and Condition

This is the Terms and condition page for your companies



admin admin

NAVIGATION

Dashboard

Categories >

Courses

Students

Enrolment >

Enrol History

Enrol A Student

Report >

Message

Settings >

Enrol A Student

ENROLMENT FORM

User*

Select A User

Course To Enrol*

Select A Course

Enrol Student


admin admin

NAVIGATION

- Dashboard
- Categories >
- Courses
- Students
- Enrolment >
- Report >
- Message
- Settings >

Add New Course

COURSE ADDING FORM

[BACK TO COURSE LIST](#)

Basic

Requirements

Outcomes

Pricing

Media

Seo

Finish

Course Title *

Short Description

Description

Category*

Level

Language Made In

 Check If This Course Is Top Course



WIKIPAGE LINK

[CLICK HERE FOR THE WIKIPAGE](#)



**Happy
LEARNING
THANK YOU**