PROJECT MANAGEMENT TOOL

COLLABORATION TOOLS FOR PEOPLE TO WORK VIRTUALLY

TEAM 1 : AVENGERS ASSEMBLE

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Agenda

- Introduction about project
- Personas
- Product Backlog
- Sprint 1-5 Recap
- Sprint 6 Backlog
- Timeline for Future Sprints
- User Stories and Acceptance Criteria
- Test cases for sprint 6
- Burndown chart
- Technology
- Demo
- Retrospective

WHAT IS PROJECT MANAGEMENT TOOL?

- Project management tool is an aid to assist an individual, team or organization to effectively organize work, projects and tasks.

- This tool is made to be completely customizable so they can fit the needs of teams of different sizes and with different goals.

- It included modules like Project and Task assignment and tracking, calendar management, chat box, file storage functionality and session management for effective planning, estimating and tracking team progress and collaboration and communication within the team.

- This means Project Management tool will need advanced features to track projects at a higher-level in order to see how each project is interacting with each other. This tool can include flexible work views, Dashboard, Reporting, Time sheets.

PERSONAS

ADAM REYNOLDS

Manager

Age :30, Married

Goals:

He wants to have a 24*7 overview of the project and the status of the team for effective management.

Frustrations:

Not able to get a clear answer for effective tracking the team's progress

Technology:

Software Development , Java

MANAGER:

- has ultimate control over teams and projects.

- gets to create and allocate tasks to the team members.

- creates custom roles and grant access levels to the team members.

- gets to keep an eye on the task status of team members.

- has access to repository , chat box and other functions

Personas

TEAM MEMBER:

- can see the work allocated to them along with deadlines.
- can change the status of the task assigned on completion.
- has access to repository , chat box and other functions

Marie Stan

Software Engineer

Age :25, Single

Goals:

She wants to learn frontend.

She wants to start her own business in the future.

Frustrations:

Data crashes.

Poor Communication.

Technology:

Software Consultant, Java

Personas

Cris Mas

Client, Business Owner

Age :45, Single

Goals:

He wants interesting software for his product.

He wants to save time online.

Frustrations:

It takes too much time to track progress.

Technology:

CRM

CLIENT:

- can see the work allocated to the members along with deadlines.

Product Backlog

ID	Type	Name	As a... (Persona)	I want to be able to	So That	Priority	Sprint	Status
US-04	User Story	Chat Function	Manager/Client/ Team Member	Chat with anyone	I can chat with team members and the client	High	6	In Progress
US-08	User Story	Calendar	Manager/Team Member	Access and view events on Calendar	I can have access to the calendar to view the events assigned to me	High	6	Done
US-05	User Story	Timelines	Manager/Team Member	Access, add events and set reminders	I can set priorities and deadlines for the project and make it easier for the team to track the tasks.	High	6	Done
T-072	Task	Dashboard/ Calendar	-	Add task finish dates for tracking	Add Finish Date for the tasks so that I can keep check on the deadlines and set priorities to my tasks	Moderate	6	Done
T-031	Task	Project/Task	-	Modified the Projects to include the name of the creator	Username of the manager who created the project is added to the project details so that only he/she can view or edit the Project	Moderate	6	Done
T-032	Task	Project/Task	-	Redo the tasks and Project page to include dates	Add Dates attributed to the the Task table from front-end to take the estimate date for completion of task	Moderate	6	Done

Product Backlog Continued

ID	Type	Name	As a... (Persona)	I want to be able to	So That	Priority	Sprint	Status
US-07	User Story	Dashboard	All User	Change my Profile	I can customize my page and my account	Moderate	7	to be made
T-041	Task	Chat Function FrontEnd UI	All User	View my Chats and my messages to other users	My Chats are visible to and can be read by the intended member	Moderate	7	to be made
T-071	Task	Dashboard	All User	Add the profile picture	I can customize my page by uploading my user picture	low	7	to be made
T-072	Task	Dashboard	-	Update UI and add CSS	To modify the UI for a more sophisticated and professional format	low	8	to be made

Sprint 1 - Sprint 5 Recap

Sprint 1 - Sprint 3 Recap

ID	User Story	As a... (Persona)	I want to be able to	So That	Sprint	Priority
US-01	Registration	Manager	Register as Manager	I can register with my details and my user role as Manager to have access to the modules as manager	1	High
US-02	Login	Manager	Fill-up login details as an Manager	I can be successfully Logged in as a Manager	1	High
US-01	Login	Team members	Fill-up login details as a Team Member	I can be able to login with my credentials	1	High
US-03	Tasks and Project	Manager	Create Project Details	I can be able to make project teams	2	High
US-01	Registration	Team members	Sign-up as a team-member	I can register with my details and my user role as Team Member to have access to the modules as Team Member	2	High
US-01	Registration	Client	Sign-up as a Client	I can register with my details and my user role as Client to have access to the modules as Client	2	High
US-03	Tasks and Project	Manager	Define project details	I can give the name of the project along with members of the project.	3	High

Sprint 4 -Sprint 5 Recap

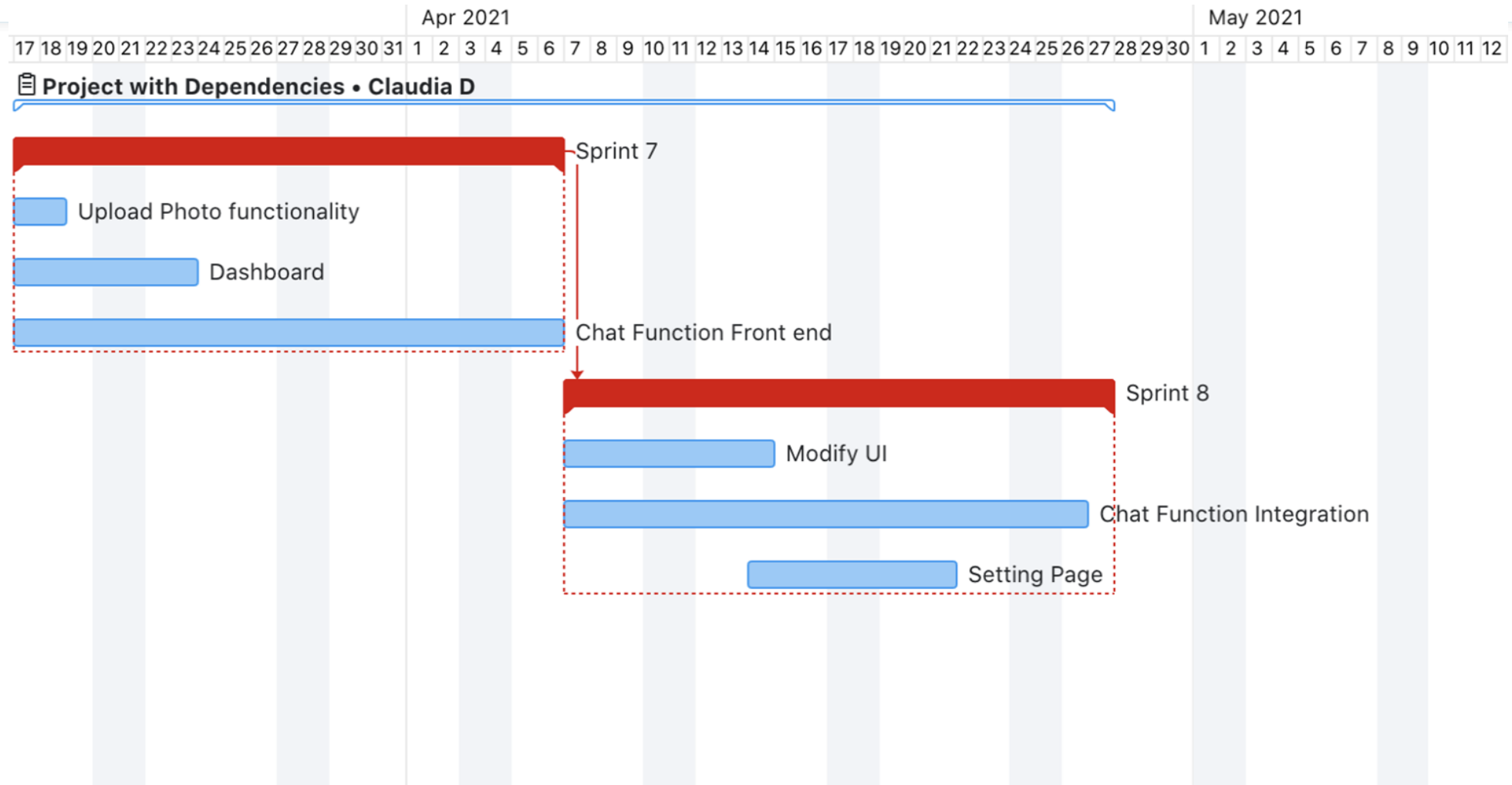| ID	User Story	As a... (Persona)	I want to be able to	So That	Completed in Sprint	Priority
US-03	Tasks and Project	Manager	Define the task	I can assign different task of the project to team members	4	High
US-03	Tasks and Project	Team members	View the tasks assigned by manager	I can be able to check the tasks that are assigned to me.	4	High
US-02	Login	Client	Login successfully as a Client	I can view the overall Progress of the Project	4	High
US-06	Repository	Member	Get access to the repository	I can able to upload and edit the files in the repository	5	High
US-06	Repository	Team members	Get access to the repository	I can be able to upload or view the repository uploaded by other team members	5	High
US-07	Dashboard	Manager	Able to see the progress	I can view the overall progress of Project, teams and team members	5	Moderate
	Tasks	**User Story**	**I want to be able to**	**So That**		**Priority**
T-081	Calendar Back end	Calendar	Access, add events and seeing events	I can set priorities and deadlines for the project	5	High

Sprint 6

New Features Added:

-Calendar
-Timelines: Adding Tasks finish-dates as events in Calendar
-Chat Function(in progress)

Sprint 6 Backlog

ID	User Story	As a... (Persona)	I want to be able to	So That	Status	Priority
US-08	Calendar	Manager/ Client/ Team-Member	Access and check events in Calendar	I can have access to the calendar to view the events assigned to me	Completed	High
US-05	Timelines	Manager	Add Tasks in in Calendar	I can set priorities and deadlines for the project and make it easier for the team to track the tasks.	Completed	High
US-04	Chat Function	Manager/ Client/ Team Member	Chat with anyone	I can chat and communicate with all team members,manager and the client	In progress	High

	Tasks	User Story	Description		Status	Priority
T-072	Add task finish dates for tracking	Dashboard/ Calendar	Add Finish Date for the tasks so that I can keep check on the deadlines and set priorities to my tasks		Completed	Moderat
T-031	Modified the Projects to include the name of the creator	Project/Task	Username of the manager who created the project is added to the project details so that only he/she can view or edit the Project		Completed	Moderat
T-032	Redo the tasks and Project page to include dates	Project/Task	Add Dates attributed to the the Task table from front-end to take the estimate date for completion of task		Completed	Moderat
	Presentation/Technical Paper	-	Create Presentation for Sprint 6 with the feedback from Sprint 5. Modify the technical paper to include current details.		Completed	Moderat

Timeline for Future Sprints

User Stories and Acceptance Criteria

US-08 : Calendar

As a Manager/team member: I should be able to access the calendar and view the events on it.

Acceptance Criteria: The users should have a access to the calendar, so that they can check events and reminders for the tasks assigned to them.

US-05 : Timelines

As a manager: I should be able to access the calendar and add events to it.And also give finish-dates/delivery dates to the task which should be reflected in the team-members calendar.

Acceptance Criteria: The manager should be able to assign finish-dates to the tasks, so that they are replicated in the team members calendar for them to keep track of the tasks.

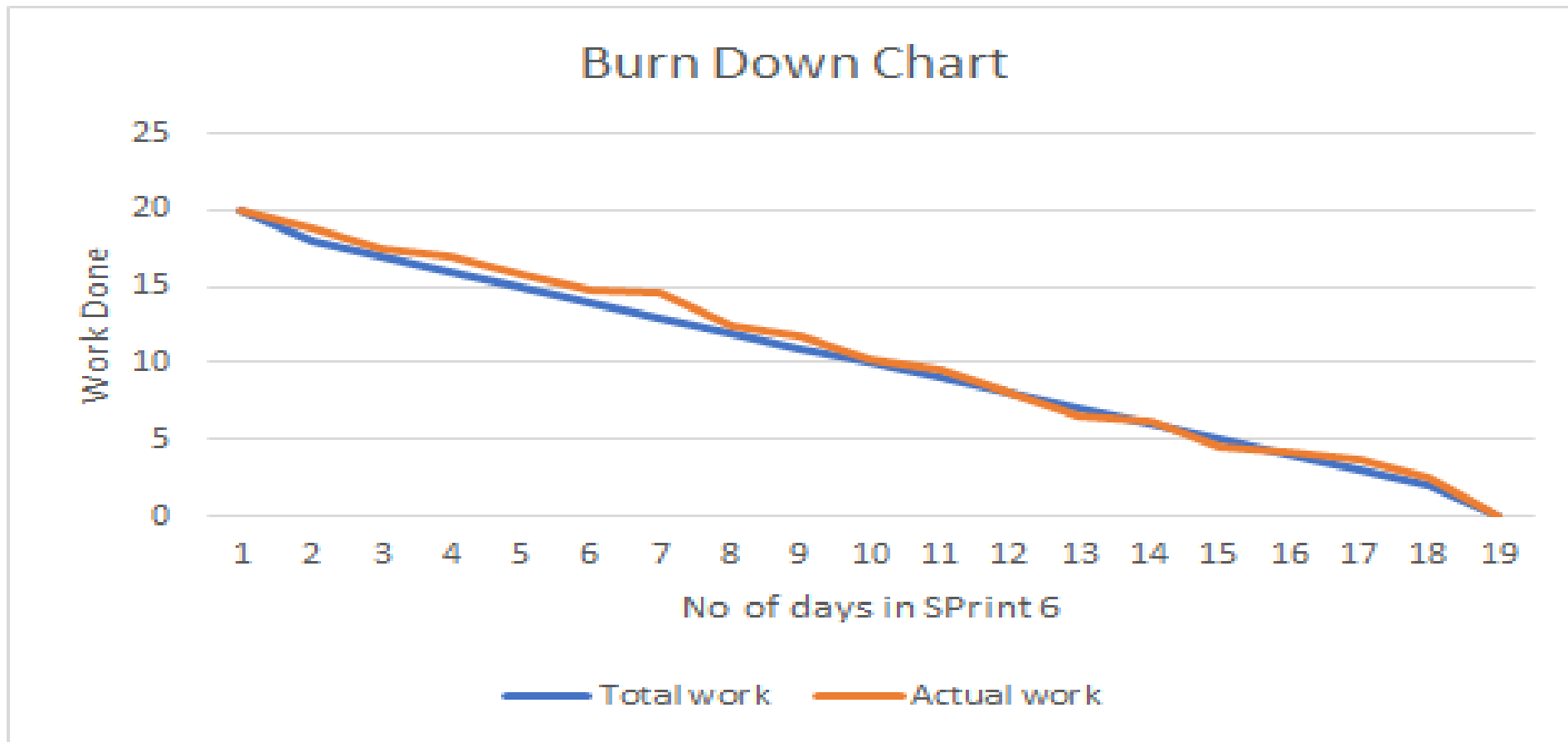# User Stories and Acceptance Criteria

US-04 : Chat function

As a User(Team-member/Manager/Client): I should be able to chat with all the members of team and the client.

Acceptance Criteria: All the users should have access to the chat box so that they can discuss or give suggestion etc over chat to the team. This chat function works whenever a user send a particular message to other, it should reflect in the others chatroom.

Test Cases for Sprint 6

User Story	Scenario	Test Cases	Expected Result	PASS/FAIL	Sprint
US-08. Calendar	Calendar Page	Access the calendar	The user should be given a tab button on the dashboard where they can access their calendar and view it	Pass	Sprint 6
US-05. Timeline	View the reminder of the Task.	Set reminders and add events in Calendar	Whenever a task is added to them, the task should show up on the finish date of the calendar on that specific date.	Pass	Sprint 6
US-04. Chat function	Messages	Chat function	All user should have a messaging tab on the dashboard where whenever a new message is showed up and the they can be able to select the username of the person they want to send the message to and type it.	To be tested in next sprint	Sprint 6

Burn Down Chart for Sprint 6

Technologies Used

Front-end

UI/UX Designs

REACTJS

Router

Components

Service

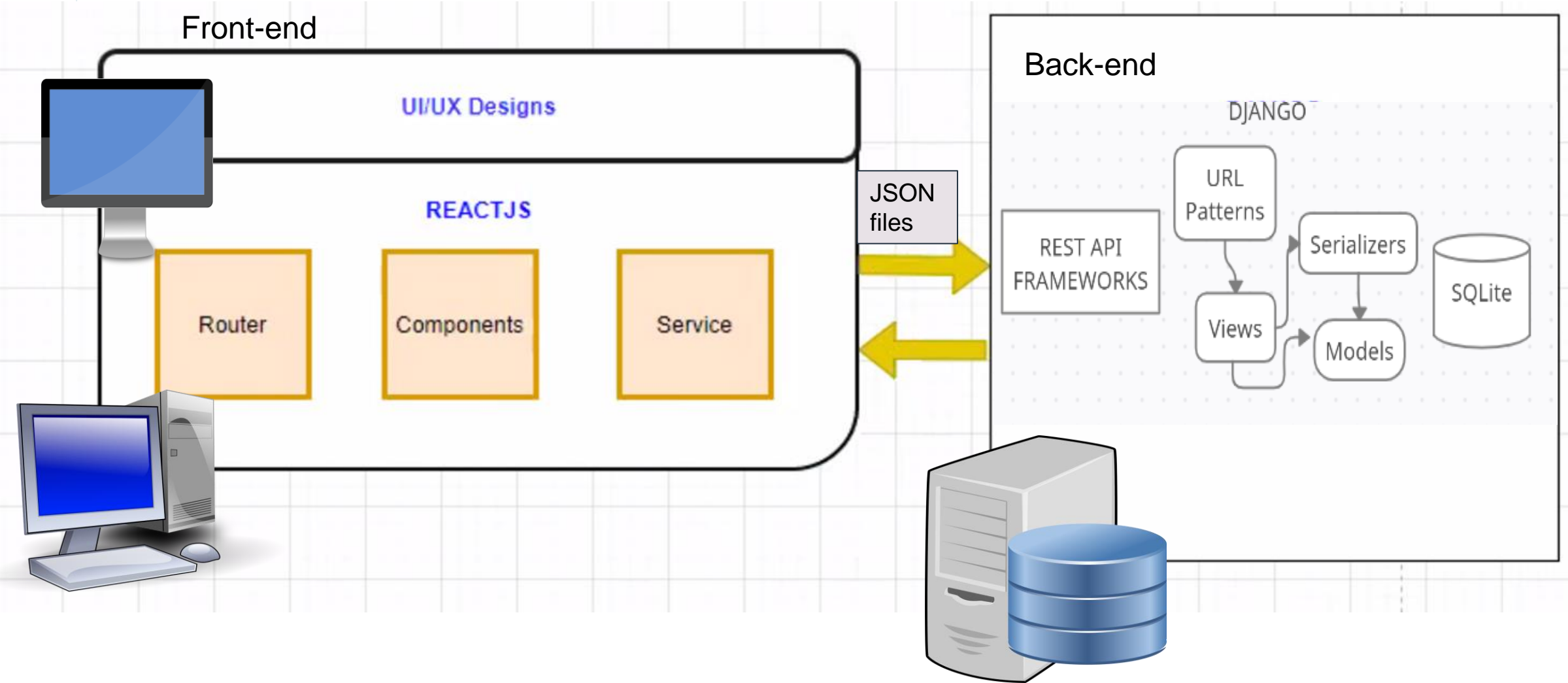JSON files

Back-end

DJANGO

REST API FRAMEWORKS

URL Patterns

Views

Serializers

Models

SQLite

Retrospectives

What was good?

Communication with the whole team was good

The tasks that were perfomed went as planned

The knowledge sharing and group discussions went well

What was bad?

The frequency of the meetings need to be improved

Need to avoid reworks

Improve the knowledge on the react and django frameworks

Actions

Read the documentations on the libraries that are used.

Each tasks are carefully worked through and discussed before starting

we have planned a scheduled meeting with a good frequency

GitHub Links

- Project Link:

For Frontend: https://github.com/Vamshi399/cs691_project_management_tool/

For Backend:

https://github.com/saijeevan54/django

- WiKi Page: https://github.com/Vamshi399/cs691_project_management_tool/wiki