Dataplatform for SundayPyjamas

Project Overview

I am appointed as a Frontend Development Intern at Kiwispecs By SundayPyjamas LLP and I am allotted a project named Data Platform by SundayPyjamas is a scheduling and analytics platform for businesses and individuals who want to get more from their social media. Create and manage social media presence like no one. Easy schedule post for different mediums for different posting times at one place, track and measure the performance of your every post and know the ROI of your hard work. It also allows bringing team member with different access permission so you can easily delegate to the right person with peace of mind.

Problem and Solution Statement

Businesses and individuals has to post on instagram,facebook and twitter manually for their digital marketing and manage their social media individually so using this we will make the schedule where the post will be automatically post using the queue.

Benchmark (How this solution is better? compare)

The viral project and the kiwispec-commerce will be integrated with the data platform.it allow team members to access defferent permissions.

Implementation strategy

We are going to use golang technology, postgreSql as backend development and react for fronend development of this project

Contributors

Name	Roll no	Contact No	Email
Tejaswi Chaudhary	15IT014		15it014@charusat.edu.in
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Reporting No: 1   Week No: 1   From : 9/12/18 To : –/–/19
Project ID: PRJ/2019/IT/001
Project Title: Data Platform for SundayPyjamas

WEEKLY REPORT

Work done in last week (Attach supporting Documents):

1. Brief   Introduction about Project
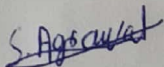2. Brief   about company
3.
4.
5.

Reason for incomplete work:

1.
2.
3.

Plans for next week:

1.   Courses and training Regarding to Project
2.
3.

References:

emails.

S Agrawal

Signature of External Guide

Signature of Internal Guide

Student Id: 15 IT058
Student Name: Sneh Naik

WEEKLY REPORT

Work done in last week (Attach supporting Documents):

1. Courses on Git and GitHub
2. course on Javascript
3. Course on Redux and React fundamentals
4. Some practice and Introduction on Redux and React
5. Practice Assignment on Golang

Reason for incomplete work:

1. Courses are of advanced level. Need some practice
2. Golang is totally New language
3.

Plans for next week:
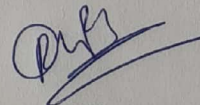
1. Complete Practice Assignment
2. Complete Another courses
3.

References:

SundayPyjumas. teachable.com

S. Agrawal

Signature of External Guide

Signature of Internal Guide

Student Id: 15IT058
Student Name: Naik Sneh

WEEKLY REPORT

Work done in last week (Attach supporting Documents):

1. Assignment- copy of Blog managable by gatsby
2. Assignment - create four pages for practice in React
3. Assignments to b be cumple if any assignment is remaining
4. Discussion Regarding to project
5.

Reason for incomplete work:

1. Facing difficulties in React
2. It will take some more time for me to improve
3. coding skills in React

Plans for next week:

1. New Assignments given by company
2.
3.

References:

References are mentioned in supporting documents

S.Agrawal

Signature of External Guide   **Signature of Internal Guide**

Student Id: 15IT 058
Student Name: Sneh Naik

WEEKLY REPORT

Work done in last week (Attach supporting Documents):

1. Assignment - create four Pages for Practice
2. Bootstrap course
3. Make 4 small Apps in React
4. Fetch Api Assignment
5.

Reason for incomplete work:

1. Facing some errors in creating React APPS
2.
3.

Plans for next week:

1. create small functional Apps using React and Redux
2.
3.

References:

References are mentioned in documents.

S. Agarwal

Signature of External Guide

Signature of Internal Guide

Student Id: 15IT058
Student Name: Naik Sneh

React Router4

https://auth0.com/blog/react-router-4-practical-tutorial/

In this I have learned about what is react router and how to use it.

Pusher for Instagram clone

https://pusher.com/tutorials/instagram-clone-part-1

Small Functioning app using Chatkit API

https://medium.freecodecamp.org/how-to-build-a-react-js-chat-app-in-10-minutes-c9233794642b

Dashboard app using React

https://www.creativebloq.com/how-to/create-a-dashboard-app-with-react

Redux project using create react app

https://medium.com/backticks-tildes/setting-up-a-redux-project-with-create-react-app-e363ab2329b8

https://hackernoon.com/react-redux-for-lazy-developers-b551f16a456f

https://codesandbox.io/s/github/reduxjs/redux/tree/master/examples/todos

https://decembersoft.com/posts/redux-hero-part-1-a-hero-is-born-a-fun-introduction-to-redux-js/

https://github.com/AliceWonderland/Basket-App

https://medium.freecodecamp.org/the-best-way-to-architect-your-redux-app-ad9bd16c8e2d

https://code.tutsplus.com/tutorials/getting-started-with-redux-learn-by-example--cms-30350

https://codebrahma.com/building-progressive-web-app-react/

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PROJECT PROFILE

STUDENT PARTICULARS

STUDENT ID	15IT058		
NAME	Naik Sneh Prakashkumar		
ADDRESS	413, T K Nagar, Rahej Ta:Gandevi Dist:Navsari Pincode:396360		
MOBILE NO.	1. 8758500084	2.	7016610411
EMAIL	15it058@charusat.edu.in		
BRANCH	Information Technology		
YEAR	2018-19		

PROJECT DETAIL

PROJECT TITLE	Data Platform for SundayPyjamas								
TOOLS & TECHNOLOGY	PHP	.NET	JAVA	J2EE	ANDROID	IOS	PYTHON	MATLAB	OTHERS
									Golang &Angular

PROJECT CATEGORY	WEB BASED APPLICATION	MOBILE APPLICATION	DESKTOP APPLICATION	RESEARCH BASED	EMBEDDED SYSTEM
	Data Platform				

INDUSTRY PARTICULARS

---------------INDUSTRY GUIDE---------------

NAME	Sagar Agrawal		
DESIGNATION	Lead Developer		
QUALIFICATION	B.Tech(IT)	EXPERIENCE	6 months
SPECIALIZATION	-		
MOBILE NO.	9724447426		
EMAIL ID	Sagar.agrawal@sundaypyjamas.com		

---------------INDUSTRY---------------

NAME	Kiwispecs SundayPyjamas LLP		
CITY	Ahmedabad		
ADDRESS	1012, Elite Business Icon, Nr AUDI Showroom, S.G. Highway Sola, Ahmedabad-380061		
CONTACT NO.	OFFICE 9724447426	FAX	
EMAIL	developers@sundaypyjamas.com		
URL	www.sundaypyjamas.com		

Note: Fill up the detail in Block letters only.

If you are using any specific framework then specify in the relative box of tools & technology.

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DEPARTMENT OF INFORMATION TECHNOLOGY

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PROJECT SYNOPSIS

Project Title	Data platform for SundayPyjamas
Project Goal	To enable businesses and marketing teams to schedule posts, analyze performance, and manage all their social media accounts in one place easily.
Objectives	• Requirement analysis • Make the complete UX/UI mock-ups • Plan and Design the application architecture. • start development of front-end and back-end simultaneously. • Integrate the frontend and backend. • Start unit testing and system testing. • Get application tested by pen tester for security • Launch the product
Project description	Data Platform by SundayPyjamas is a scheduling and analytics platform forbusinesses and individuals who want to get more from their social media. Create and manage social media presence like no one. Easy schedule post for different mediums for different posting times at one place, track and measure the performance of your every post and know the ROI of your hard work. It also allows bringing team member with different access permission so you can easily delegate to the right person with peace of mind.
Functional Requirements	• Add multiple team members and set different access levels • Review your analytics to see how your posts are performing • Schedule social media posts for your preferred times • Save time managing social media for your business • Inbuilt post templates for festivals • Get Post reviewed from experts
Non Functional	**Scalability** o The system should able to scale up and scale down as per the traffic and

PROJECT SYNOPSIS

Requirement	need to optimize the operational cost. • **Reliability and fault tolerance** o The system should up and running all the time with less to zero downtime. o The data should persist even after a catastrophic failure occurs. • **Security** o User's private data and system's data should not be leaked or accessed by an unauthorized person. • **Usability** o Be easy for users to understand and use the product. • **Performance** o Be able to withstand the changing load and being fast and responsive all the time for users.
Hardware specification	For development (on personal computer) • RAM : 4 GB • Virtual Processor : Intel i5 • Persistence storage : 512 GB HDD For development (on cloud) • RAM : 1.7 GB • Virtual Processor : g1-small • Persistence storage : 10 GB HDD For deployment • RAM : 3.5 GB • Virtual Processor : n1-standard-2 • Persistence storage : 25 GB SSD
Software specification	**For development** • Infrastructure provider : Google cloud platform • Operating system : Windows 10, ubuntu 16.04 • Versioning system : Gitlab • Editor for development : Visual studio code • Technology : Golang • Database : PostgreSQL • Front-end : ~~Angular~~ React **For deployment** • Infrastructure provider : Google cloud platform • Operating system : Ubuntu 16.04 • SSL certificate management : Certbot • Proxy server : Nginx • Versioning system : Gitlab • Technology : Golang

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PROJECT SYNOPSIS

	• Database : PostgreSQL • Front-end : Angular :
Justification for Choosing Domain	I am enthusiastic to learn new things. I have worked on just at basic level of angular js and company also want who know basics of angular and they want to train on angular so based on my profile company has selected for this technology. And I also want to learn new things.
Problems to be addressed	For market analysis For providing better solution to customers
Expected outcome	User will get better product. Organization will be able to understand exact needs of customer
Learning Outcome	Learn new technology How industries are working What tools are industry using How work could be done at professional level Organization Discipline
Duration	3 months
Team Size	4
Team Members (Name)	1)Tejaswi Rameshkumar Chaudhary 2) Prarthan Chinmay Pandya 3)Naik Sneh Prakashkumar 4)Malav Parekh
Division of responsibility	1) Tejaswi Rameshkumar Chaudhary : Backend 2) Prarthan Chinmay Pandya : Fullstack 3)Naik Sneh Prakashkumar : Frontend 4 Malav Parekh : Backend
Knowledge of tools and technology to be used:	Beginner ☑ Moderate ☐
Study of Existing Projects	Uptil now not any system has been studied properly but two references of similar kind of working system that I am looking

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PROJECT SYNOPSIS

	them for development of my project https://buffer.com/ https://www.socialbakers.com/
Limitation of Existing Projects	Detailed specification would be given at training time
Scope of Improvement	With the knowledge and skills of developer and also with help of analytical skill it could be better than our competitiors.
Innovativeness in Project	• Inbuilt post templates for festivals • Get Post reviewed from experts

(for Office Use Only)

Project ID :

Sign and approved by
Prof Parth Shah
(Head of the Department) :