

# **Summer Internship Report**

Submitted

by

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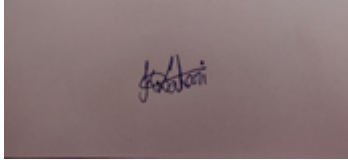
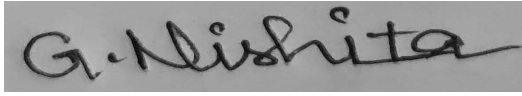
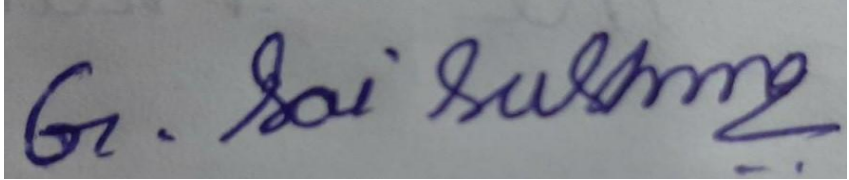
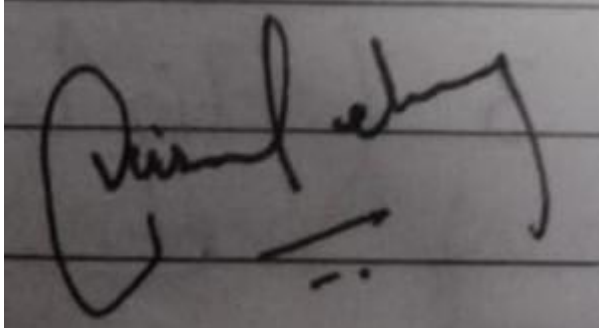
**Department of Computer Science and Engineering**

**SRM University-AP, Andhra Pradesh, India**

**July - 2021**

## **DATA SHEET**

Roll Number	:	AP19110010548 AP19110010302  AP19110010551  AP19110010056
Name of the student	:	K.Lahari  G.V.S.Sai.Nishita  G.SAI SUSHMA  VISHALCHOWDARY PEDDU
Branch & Section	:	CSE-G, CSE-E, CSE-G, CSE-G
Batch	:	2019-2023
Type of internship	:	Industrial Training Internship
Company Name/Institute Name	:	Andhra Pradesh State Skill Development Corporation (APSSDC)
Company/Institute Website	:	<a href="https://www.apssdc.in/home/homepage">https://www.apssdc.in/home/homepage</a>
Start Date (MM/DD/YYYY)	:	06/07/2021
End Date (MM/DD/YYYY)	:	07/14/2021
Duration (No. of days)	:	38 Days

Status of the internship	:	Completed
Name of internship mentor  (SRM Faculty)	:	Dr.Deepak Kachave
Signature of the student	:	   

## **ACKNOWLEDGEMENT**

The internship opportunity we had with Andhra Pradesh State Skill Development Corporation in Web Development Using Django was a great chance for our learning and professional development. Therefore, we consider ourselves very lucky as we were provided with an opportunity to be a part of it. We are also grateful for having a chance to meet so many wonderful people and professionals who led us through this internship period.

We express our deepest thanks to the APSSDC team for taking care of us & giving necessary advice and guidance and arranged all facilities to make it easier. We choose this moment to acknowledge his/her contribution gratefully.

We would like to thank Ms.Girisha Devara & Ms.Sireesha Reyyi for their invaluable guidance, comments, and suggestions throughout the course. We would also like to thank their whole team for their wonderful cooperation and their dedication. We will strive to use gained skills and knowledge in the best possible way and we will continue to work on the improvement, to attain desired career objectives.

We also use this opportunity to express our deepest gratitude and special thanks to our mentor Deepak Kachave, who in spite of being extraordinarily busy with his duties, took time out to hear, guide, and keep us on the correct path and allow us to carry out our project during the training.

Thanking you

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## **I. INTRODUCTION:**

In this internship- Web development using Django, we have been introduced to many new topics. The topics such as in GitHub creating & updating the repository, staging area & git bash. And how to use open-source code. And how to use the commands in git bash. Also did introduce to collaborating open source projects & sending pull requests. We Have also been got a recap of python fundamentals as python basics, operators, conditional statements, loops, functions & many more. Moreover also got python file handling. And also have been introduced to the main topic of this internship which is Django. The Django is a famous python web framework. This is used by many developers also & has been helpful for them. From learning this topic at last I have also created a project. Our project name is Todo management system. This Todo can be helped in managing our daily tasks. As we people have many tasks to complete during a day or a period of time. To complete all those tasks we note down somewhere in a book or a sticky paper, to look over the pending tasks.

## **II. OBJECTIVE OF THE INTERNSHIP:**

The main objective of this internship is to learn Django through web development & create a website. As Django is famous for the python web framework. This is helpful for many developers to create secure & maintainable websites. And also we don't need to do everything from scratch, we can also use the existing code in future for creating websites or apps. It is also

free & open-source. Moreover, also, Django can be used in cross platforms & development in Django is cost-effective and reduces time. By learning Django we wanted to create a to-do management system, this website is used for helping people with their work. As there are a number of things to remember, to make their work easier & stress-free this todo can be helpful.

### **III. SKILLS ACQUIRED THROUGH THE INTERNSHIP**

- We got to learn Github. We got to know many things about the repository, as creating, adding, deleting, changing.
- And also learned how to use gitbash for sending our source code with the commands into GitHub.
- Moreover, how to git commit, undo it & learned the markdown syntax & creating Github pages.
- Besides we got a recap of python language by using the python language through the process of the internship.
- Furthermore learned python file handling & learned Django as the concepts of Django templates & data rendering for views to templates and many more concepts in Django.
- Also after the learning process, it was helpful for us in making the project on Django for creating the website.

### **IV. OVERVIEW OF THE PROJECT/WORK CARRIED OUT DURING INTERNSHIP**

- Our project title is Todo Management.

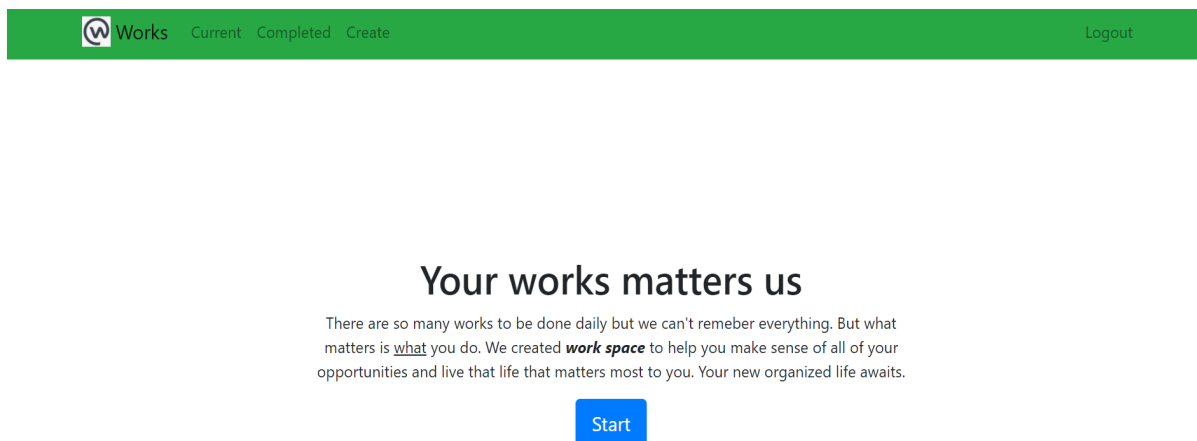
- This project is created with HTML, Python & Django.
- The project can be used by anyone from children to adults. Such as it can be used by a student to make a study plan or a father to make his office tasks organized. At times like this, todo can be used. By noting down all the work we have in order, it can be helpful in focusing on one task at a time.
- Although it can reduce our concerns of having much work to do & can focus on one task. So, this todo can be an effortless way to be helpful for our day. In a way, people who worry over multi-tasking or get distracted immediately can concentrate on their work or task.
- If we look around us there are different kinds of professional people doing different kinds of works in their daily life. So any kind of people can use this. In a way, todo can add the task or work in a minute, easily & organize in the priority of our time & day.
- Moreover, todo is not simply noting down our tasks, this helps overall in many ways as decreasing our burdens, and also can increase our productivity by prioritizing our tasks, helps in encouraging or motivating to complete our works, the most helpful thing the todo is that we can never forget our work.
- The todo management system after accessing it we can see. First, we can see the homepage as, where a person he or she can sign up & later can log in through the details.
- Later after logging in can create todo's such as they can create their first work by writing down their title of work or task to be finished. And under it, they can also add extra matter related to the task.
- After noting down the work they can save it as important or just can save it.
- The todo created will appear in current works. And if the todo task is completed we can click on complete. Then the todo will appear in the completed tasks.




- Moreover, if you want to clear up the tasks, after completion of every task we can also delete those or save them in completed tasks.
- In this way, the user can create, mark important tasks, delete if necessary, or save as completed tasks.
- If any task was left out on todo or such as any task is not completed, then mail will be sent at the end of the day to remind us about the tasks.
- This is very easy to handle by any user and can save a lot of time. As the todo is time-efficient & easy to access.
- And also all the tasks will appear in one place, we can able to prioritize our tasks. We can easily able to add more tasks or create a number of tasks in todo.

## V. RESULTS/OUTPUT:

1. This is the homepage of the todo management system.



2. After clicking start, there appears the signup page. If new to it create the username & password

 Works   Current   Completed   Create   [Logout](#)

## Sign Up

Username

Your username must be unique. We'll let you know if someone has taken it already.


Password

Confirm Password

[Sign Up](#)

---

Already have an account? [Login here](#)

 Works   Current   Completed   Create   [Logout](#)

## Sign Up

Username


Your username must be unique. We'll let you know if someone has taken it already.

Password

Confirm Password

[Sign Up](#)

3. If the user already is an existing user then login with the username & password which are already created.

 Works

CurrentCompletedCreate

Logout

## Login


Username

Password

Login

Need an account? [Sign Up here](#)

4. After logging in or signing up. Then appears the page.

 Works

CurrentCompletedCreate


Logout

## Current Works

No works to do! Nice work.

New Todo

5. Then click on the new todo. We can add our first new work.

 Works

CurrentCompletedCreate

Logout

### Add New work


Title

Memo

☐ Important

Save

6. In the title we can assign our main heading to our work. And in the memo place, we can add the reference or a message for it. And if wanted can save it as important or not.

 Works

CurrentCompletedCreate

Logout

### Add New work

Title

Meeting

Memo

At-9am

☒ Important

Save

7. After creating our work, we can save it and see it on our main page.

# 1 Current Work

Meeting - At-9am


---

8. We can create as many to-do works, as we want we can create.

# 5 Current Works

Meeting - At-9am
Work Deadline - To compelete Project by 20/7/...
Lunch & Medicine
Game Time - - 5pm
Reach home - before 6:30pm

9. Later, after completing our tasks we can click on complete.

 Works

CurrentCompletedCreate

Logout

## New Todo

Title

Library

Memo

Finish book reading by today 9pm

☒ Important

Save

Complete

Delete

10. After clicking on complete, it appears under completed tasks as.

 Works

CurrentCompletedCreate


Logout

## Completed works

Library

 - Completed Jul 19 2021 08:52

11. If we want to delete any task after completion or before, we have a delete option also.

 Works

CurrentCompletedCreate

Logout

## New Todo

Title

Class test

Memo

maths!!!!!!


☒ Important

Save

Complete

Delete

12. After completion, we can log out by clicking on the top-right of the page. Then this page appears.

 Works

Sign UpLogin

## Login

Username

Password

Login

Need an account? [Sign Up here](#)

## **VI. CONCLUSION**

At last, we can conclude that we learned a lot from these classes. This internship has helped us to revise old topics of python. And also got to learn the new topic Django, as to how to use it and how to implement websites with it. This internship helped us in gaining knowledge as an each individual of the group. In our group, everyone has done their contribution to complete this project. This also helped in building our teamwork. And also with the help of these classes, we have been able to create a project of todo management system.

## **VII. REFERENCES (If Any)**

- Replit: <https://replit.com/@GoCool123/WorkManagementApp>
- Github link : [https://github.com/NishitaGaddam/ToDoManagement\\_batch5.git](https://github.com/NishitaGaddam/ToDoManagement_batch5.git)
- Django : <https://docs.djangoproject.com/en/3.2/intro/tutorial01/>  
<https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django>