

BSc. Information Engineering Technology

Department of Engineering Technology

Supervised Industrial Training (SIT-1) LOGBOOK

| Student Name: | Mutti Ullah |
|----------------------|--------------------|
| Batch: | Fall-21 |
| Roll No: | 022 |
| Training Organiza | tion: Max Remind |
| Training Period: | |
| Start Date: 2 Septem | ber 2024 End Date: |
| | |

Department of Engineering Technology

Training Organization Record

| Student Name: | Mutti Ullah | |
|-----------------|-----------------|------------------------------|
| Batch: | BSIET21 | |
| Roll No: | 022 | |
| Training Orgai | nization: | MAX REMIND |
| Training period | l: | |
| Start Da | ate: 2 Sep 2023 | End Date: <u>20 Dec 2023</u> |
| Industrial Supe | ervisor | |
| Name: Amina I | jaz | |
| Signature: | | |
| Dated: | | |

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| Month 2/ Week 3/day 5 Progress | 12 |

| Student Progress for Month 2/ Week 3 | 44 |
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| Month 2/ Week 4/day 1 Progress | |
| Month 2/ Week 4/day 2 Progress | |
| | |
| Month 2/ Week 4/day 3 Progress | 47 |
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| Month 2/ Week 4/day 5 Progress | |
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| Month 3/ Week 1/day 3 Progress | |
| Month 3/ Week 1/day 4 Progress | 54 |
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| Month 3/ Week 2/day 3 Progress | 59 |
| Month 3/ Week 2/day 4 Progress | |
| Month 3/ Week 2/day 5 Progress | |
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| Month 3/ Week 3/day 1 Progress | 63 |
| Month 3/ Week 3/day 2 Progress | 64 |
| Month 3/ Week 3/day 3 Progress | 65 |
| Month 3/ Week 3/day 4 Progress | 66 |
| Month 3/ Week 3/day 5 Progress | 67 |
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| Month 3/ Week 4/day 1 Progress | 69 |
| Month 3/ Week 4/day 2 Progress | 70 |
| Month 3/ Week 4/day 3 Progress | 71 |
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| Month 4/ Week 2/day 3 Progress | 83 |
| Month 4/ Week 2/day 4 Progress | |
| Month 4/ Week 2/day 5 Progress | |
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|--------------------------------------|------|
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| Month 4/ Week 4/day 5 Progress | |
| Student Progress for Month 4/ Week 4 | |

Introduction:

This training logbook will help students to record their daily/weekly work progress during their Supervised Industrial Training as part of their degree program.

Message: Interns

This logbook will help to record your experiences and achievements on this placement. It is required to be filled in completely for graduation. Scan and email this Logbook to your academic supervisor in each Week 4 of your training. This assists the training Department to track the progress of your training. A minimum 32 weeks is required to complete this training (16 weeks in each of the two SIT parts).

Message: Host Company Representatives

Please help the Interns to complete the appropriate pages of this logbook to enable them to reflect their experiences and to have a record for us upon returning to University. Your signature on a weekly basis is required. Additional comments may optionally be added on internee's learning.

Instructions:

- 1. The Intern should follow the rules and regulation of the host organization.
- 2. The Intern should follow the dress code of the host organization.
- 3. The Intern should be punctual.
- 4. The intern should maintain the discipline of the host organization.
- 5. It is the duty of the intern to get the weekly work signed by the supervisor.
- 6. Brief description of the task(s) undertaken should be entered in the log book; details including domain, project associated, tools/technologies used, conclusion/learning should be taken separately.
- 7. The training log book should be signed and stamped by the industrial supervisor on the final day of the training.
- 8. The intern shall submit a detailed, well documented and nicely bound

 Training report within 1 week after the training apart from this logbook.
- 9. The intern should follow instructions given to him/her from time to time.

| Name of Department | | | BSIET- | BSIET- 21 | | | |
|--------------------|--------|------|------------|-----------|--|-----------|--|
| Day | Monday | Date | , 2-Sep-24 | Check-in | | Check-out | |

| Task(s) Assigned: |
|---|
| Understand the structure of Django project files and connect them to SQL Server. |
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| Project Associated: |
| |
| |
| Django Project Setup |
| |
| Task Nature/Domain: |
| |
| Backend Development |
| |
| Tools and Technologies Used: |
| Tools and Technologies eseat |
| Django, SQL Server |
| |
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| |
| Conclusion/Learning: |
| Learned the organization of Django project files and how to link the project with SQL Server. |
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| Name | of Departi | ment | BSIET- | - 21 | | | | |
|----------|-------------------|-------------|--------------------|----------------|--------------|--|--|--|
| Day | Tuesday | Date | 3-Sep-24 | Check-in | Check-out | | | |
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| Task(s | Task(s) Assigned: | | | | | | | |
| т | . 1 1 | A DI 41- | - 1- (DUT DELE | TE CET DOCT | in Diana | | | |
| Learn ar | id implement | API meth | ods (PUT, DELE | IE, GEI, POSI, |) in Django. | | | |
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| Projec | ct Associat | ed: | | | | | | |
| | | | | | | | | |
| D: | A DI D1 | | | | | | | |
| Django | API Develop | ment | | | | | | |
| Task | Nature/Doi | nain: | | | | | | |
| | | | | | | | | |
| API Des | elopment | | | | | | | |
| | | | | | | | | |
| Tools | and Techn | ologies | Used: | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Django |) | | | | | | | |
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| | ~ | • | | | | | | |
| | lusion/Lear | | nt API functions i | n Diango | | | | |
| Jamed | SKIIIS III CIUAUI | ing unitere | in AFT TUHCHOUS | n Django. | | | | |
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| Name | of Departn | nent | BSI | ET- 21 | |
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| Day | Wednesday | Date | 4-Sep-24 | Check-in | Check-out |
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| Task(s | s) Assigned: | | | | |
| , | | | | | |
| Set up th | ne React Native | e enviror | nment and help | team members deb | oug errors. |
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| | | | | | |
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| | | | | | |
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| | | | | | |
| Proje | ct Associate | ed: | | | |
| | | | | | |
| React I | Native Environ | ment Se | tup | | |
| | | | | | |
| Task | Nature/Don | nain: | | | |
| | | | | | |
| Fronten | d Setup and Su | pport | | | |
| Tools | and Tachn | مامجنو | I I I a de | | |
| 10018 | and Techno | ologies | s Useu. | | |
| React N | ative | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| Conc | lusion/Learı | nina: | | | |
| | | | ly and gained of | experience in trouble | eshooting setup errors. |
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| Name | of Depart | tment | BSI | ET- 21 | |
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| Day | Thursday | Date | 5-Sep-24 | Check-in | Check-out |
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| Task(s |) Assigned | 1: | | | |
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| Create a | basic app in | React Nat | ive and retriev | re data from the databa | ase through an API. |
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| | | | | | |
| Proje | ct Associa | ted: | | | |
| | | _ | | | |
| React I | Native App D | evelopme | nt | | |
| | | | | | |
| Task | Nature/Do | main: | | | |
| | | | | | |
| Fronten | d Developme | nt | | | |
| | | | | | |
| Tools | and Tech | nologies | s Used: | | |
| | | | | | |
| | | | | | |
| React I | Native, Djang | go API | | | |
| | | | | | |
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| ~ | 1 1 7 | | | | |
| | lusion/Lea | | A | from the detail | A DIa |
| Built a s | imple app an | d practice | d getting data | from the database usir | ig APIs. |
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| Name | Name of Department BSIET- 21 | | | | | | |
|----------|-------------------------------------|-------------|--------------------|-----------------------|--------------------------|--|--|
| Day | Friday | Date | 6-Sep-24 | Check-in | Check-out | | |
| | | • | • | | | | |
| Task(s | s) Assigned | l: | | | | | |
| Implama | ont CDUD on | anationa in | a tha Dagat Nativ | o one and troublash o | ot data fatahina isawas | | |
| Impleme | еш СКОД ор | erations n | i ille React Nativ | e app and troubleshoo | ot data fetching issues. | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| Proje | ct Associat | ted: | | | | | |
| | | 1 | _ | | | | |
| React I | Native App D | evelopme | nt | | | | |
| | | | | | | | |
| Task | Nature/Do | main: | | | | | |
| Frontend | d Developmer | nt | | | | | |
| | · · · · · · · · · · · · · · · · · · | | | | | | |
| Tools | and Techi | nologies | : Used: | | | | |
| 10018 | and reem | iologica | oscu. | | | | |
| React N | ative, Django | API | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Conclusion/Learning: | | | | | | |
| Learned | to handle CR | UD opera | ations in React N | ative and solved API | data-fetching issues | | |
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Department of Engineering Technology

Weekly Progress Report (Week-1)

| Student Nam | ı | | | | | | |
|---|------------------|----|--|--|--|--|--|
| Batch: | BSIET-21 | | | | | | |
| Roll No: | 022 | | | | | | |
| | | | | | | | |
| Internee Pr | rogress: | | | | | | |
| Weekly Task Completion P | Percentage (%) | 0% | | | | | |
| Supervisor Co | omments (if any) | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | | |
| Name: Ami | na Ijaz | | | | | | |
| Signature: | | | | | | | |
| Dated: Frida | ay, 6-Sep-24 | | | | | | |

| Day | Monday | Date | 9-Sep-24 | Check-in | Check-out | |
|---------|----------------------------|------------------|----------------|---------------------|---------------------------|------|
| Task(s` |) Assigne | .q. | | | | |
| | | | | | | |
| | n API in Dj l By Superv | | nandle image d | lata and send it to | ChatGPT Vision- Company | Task |
| | J | | | | | |
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| | | | | | | |
| Projec | t Associ | ated: | | | | |
| Trojec | 1 155001 | aica. | | | | |
| Django | ChatGPT \ | Vision In | tegration | | | |
| | | | | | | |
| Task I | Nature/D | omain: | | | | |
| Backend | Developm | ent | | | | |
| | | | | | | |
| Tools | and Tecl | hnologi | ies Used: | | | |
| | | | | | | |
| ъ. | CI CPT | T 7' ' A | DI | | | |
| Django, | ChatGPT | Vision A | API | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Concl | usion/Le | arning: | | | | |
| | | | | ge and send imag | ge data to ChatGPT Vision | |
| | | | | | | |
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| | | | | | | |

| Day | Tuesday | Date | 10-Sep-24 | Check-in | Check-out |
|----------------------|----------------------|-----------|------------------|------------------------------|-------------------|
| Tack(c) | Assigne | vd· | | | |
| 1 ask(s) | Assigne | u. | | | |
| Create an | API in Dja | ango to h | andle text data | and send it to ChatGPT for t | text generation. |
| | | | | | |
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| | | | | | |
| | | | | | |
| Project | t Associa | ated: | | | |
| | | | | | |
| Django (| ChatGPT T | ext Integ | gration | | |
| T 1 N | T 4 /D | • | | | |
| Task N | Nature/D | omain: | | | |
| Backend 1 | Developme | ent | | | |
| | | | | | |
| Tools | and Tech | nnologi | es Used: | | |
| | | | | | |
| Django, | ChatGPT . | API | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Conclusion/Learning: | | | | |
| Develope interaction | d an API fons. | or sendin | g text data to C | ChatGPT, gaining experience | in text-based API |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Day | Wednesd | Date 11-Sep-24 | Check-in | Check-out |
|------------|----------------|-------------------------|----------------------|------------------------------|
| | | | | |
| Task(s |) Assigned | d: | | |
| Debug e | rrors in the A | API responsible for sea | nding image data. | |
| | | • | | |
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| | | | | |
| | | | | |
| | | | | |
| Projec | ct Associa | ted: | | |
| Django | ChatGPT V | ision Integration | | |
| | | | | |
| E 1 | N /D | | | |
| Task | Nature/Do | omain: | | |
| Backend | Debugging | | | |
| Tools | and Tech | nologies Used: | | |
| | | | | |
| Django, | ChatGPT Vi | sion API | | |
| | | | | |
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| | usion/Lea | | | |
| Worked | on resolving | issues in the image d | ata API to improve s | stability and functionality. |
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| | | | | |

| Day | Friday | Date 13-Sep-24 | Check-in | Check-out | | |
|----------|----------------------|---------------------|-----------------------------|-----------------------|--|--|
| Task(s | s) Assigne | -d· | | | | |
| I dok(b | <i>)</i> | | | | | |
| Fix erro | rs in the PU | T method of the API | | | | |
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| | ct Associa | | | | | |
| Django | API Devel | opment | | | | |
| | | | | | | |
| | | | | | | |
| Task | Nature/D | omain: | | | | |
| | | | | | | |
| Backend | l Debugging | | | | | |
| Toola | and Tasl | hualaaisa I Isadi | | | | |
| 10018 | and reci | hnologies Used: | | | | |
| | | | | | | |
| Django |) | | | | | |
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| Conol | Conclusion/Learning: | | | | | |
| | | | method, improving the API's | undate functionality. | | |
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| Name | of Depa | | BSIET-21 | |
|----------|-------------|----------------------|---------------------|--------------------------------------|
| Day | Friday | Date 13-Sep-24 | Check-in | Check-out |
| | | | | |
| Task(s |) Assign | ed: | | |
| | | | | |
| Develop | a React.js | project and apply CF | RUD operations. | |
| | | | | |
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| Projec | et Associ | ated: | | |
| D | D : . D | 1 | | |
| React.js | s Project D | evelopment | | |
| | | | | |
| Task | Nature/D | omain: | | |
| Frontend | Developn | nent | | |
| | | | | |
| | | | | |
| Tools | and Tec | hnologies Used: | | |
| | | | | |
| React.js | | | | |
| | | | | |
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| | | | | |
| | | | | |
| Concl | usion/Le | arnina: | | |
| | | | nted CRUD operation | ns, reinforcing frontend development |
| skills. | | r -J and impleme | operation | |
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Department of Engineering Technology

Weekly Progress Report (Week-2)

| Student Name: Mutti Ullah | | | | | | |
|---|-----------------|------|--|--|--|--|
| Batch: | BSIET-21 | | | | | |
| Roll No: | 022 | | | | | |
| | | | | | | |
| Internee Pr | ogress: | | | | | |
| Weekly Task(s Completion Pe | | 100% | | | | |
| Supervisor Co. | mments (if any) | | | | | |
| | | | | | | |
| | | | | | | |
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| Training Coordinator/ Industrial Supervisor | | | | | | |
| Name: Amina Ijaz | | | | | | |
| Signature: | Signature: | | | | | |
| Dated: Frida | y, 13-Sep-24 | | | | | |

| Name | of Depa | rtment | BSIET-21 | | |
|-----------|--------------|------------------------|--------------------------|------------------------------------|----------|
| Day | | | Check-in | Check-out | |
| | • | | | | |
| Task(s |) Assigne | ed: | | | |
| Start add | ling image i | processing features (s | add/upload/view) in Ro | eact Native | |
| Start auc | ing mage | processing reatures (| add/upload/view/iii ix | cuct runive. | |
| | | | | | |
| | | | | | |
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| Duois | -t Ai | 040 d. | | | |
| Projec | ct Associ | atea: | | | |
| React N | Native App | Image Processing | | | |
| | | | | | |
| Task | Nature/D | omain: | | | |
| Tusk | ratare, D | Ontain. | | | |
| Frontend | l Developm | ent | | | |
| | | | | | |
| Tools | and Tecl | hnologies Used: | | | |
| | | | | | |
| React N | Native | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Conc | lusion/Le | arning: | | | |
| Began in | nplementin | | eatures, gaining initial | experience with handling images in | |
| React N | ative. | | | | |
| | | | | | \dashv |
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| 1 1 | BSIET-21 | |
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| Day Tuesday Date 17-Sep-24 | Check-in | Check-out |
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| Task(s) Assigned: | | |
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| | | |
| Eid Milad-un-Nabi Holiday | | |
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| | | |
| Project Associated: | | |
| Project Associated: | | |
| | | |
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| | | |
| Task Nature/Domain: | | |
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| | | |
| Tools and Technologies Used: | | |
| Tools and Technologies Osed. | | |
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| Conclusion/Locaring | | |
| Conclusion/Learning: Holiday, no work done. | | |
| ronday, no work done. | | |
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| Day | Wednesday | Da 18-Sep-24 | Check-in | Check-out | |
|----------|-----------------|---------------------|----------------------|---------------------------------|--|
| | | | | | |
| Task(s |) Assigned: | | | | |
| Complet | e the image pro | ocessing feature an | d integrate JWT auth | nentication for API endpoints. | |
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| | | | | | |
| Projec | ct Associate | d: | | | |
| React N | Vative App and | Django API Secu | rity | | |
| | | | | | |
| | | | | | |
| Task | Nature/Don | nain: | | | |
| Frontenc | and Backend | Development | | | |
| | | | | | |
| Tools | and Techno | ologies Used: | | | |
| | | | | | |
| React N | Vative, Diango, | JWT Authenticati | on | | |
| | , , , | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | usion/Learr | | | | |
| Finished | image process | ing in the app and | secured the API endp | points with JWT authentication. | |
| | | | | | |
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| Name | Name of Department BSIET-21 | | | | | |
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| Day | Thursday | Da 19-Sep-24 | Check-in | Check-out | | |
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| Task(s | s) Assigned | • | | | | |
| , | <u>, </u> | | | | | |
| | | cation method for t | the API and prepare A | API for Books, Library, and Members | | |
| entities | in Django. | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | ct Associate | | | | | |
| Django | API Develop | ment | | | | |
| | | | | | | |
| | | | | | | |
| Task | Nature/Dor | nain: | | | | |
| | | | | | | |
| Backeno | d Development | t | | | | |
| | | | | | | |
| Tools | and Techn | ologies Used: | | | | |
| | | | | | | |
| Django, | Basic Authent | tication | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | | | | | | |
| Conc | lusion/Lear | ning: | | | | |
| | | | ted initial structure for | r managing Books, Library, and | | |
| | rs entities in D | | | | | |
| | | | | | | |
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| Name | of Departm | nent | BSIET-21 | |
|----------|-----------------------------------|---------------------------------------|--------------------------|--------------------------------------|
| Day | Friday | Da 20-Sep-24 | Check-in | Check-out |
| | , | | | |
| Task(s |) Assigned: | | | |
| | | | | |
| | ent the APIs for t Native app. | Library, Member | rs, and Books entities i | n Django and ensure integration with |
| ine reac | t i tuti ve upp. | | | |
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| Proied | ct Associate | d: | | |
| | | | | |
| | | | | |
| Full-sta | ick Library Ma | nagement | | |
| Tools | Nature/Dom | noin: | | |
| Task . | Nature/Don | 14111. | | |
| | | | | |
| Backend | and Frontend | Integration | | |
| Tools | and Techno | ologies Used: | | |
| 10015 | una reenne | nogies esea. | | |
| Django, | React Native | | | |
| | | | | |
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| | • /7 | • | | |
| | usion/Learn | | the Library Manch | and Dooks ADIs with Deart Nation |
| | ng full-stack fu | | the Library, Members | , and Books APIs with React Native, |
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Department of Engineering Technology

Weekly Progress Report (Week-3)

| Student Name: Mutti Ullah | | | | | | |
|---|-----------------|------|---|--|--|--|
| Batch: | BSIET-21 | | | | | |
| Roll No: | 022 | | | | | |
| | | | | | | |
| Internee Pr | ogress: | | | | | |
| Weekly Task(Completion Po | | 100% | | | | |
| Supervisor Co | mments (if any) | | _ | | | |
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| | | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | |
| Name: Amina Ijaz | | | | | | |
| Signature: | Signature: | | | | | |
| Dated: Frida | ay, 20-Sep-24 | | | | | |

| Name of Department | | | В | SSIET-21 | | |
|--------------------|--------|------|-----------|----------|-----------|--|
| Day | Monday | Date | 23-Sep-24 | Check-in | Check-out | |

| Task(s) Assigned: |
|---|
| Explore the concept of useQuery in React Native. |
| Explore the concept of abequery in reduct varive. |
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| |
| Project Associated: |
| - |
| React Native Data Fetching |
| |
| Task Nature/Domain: |
| Tubic I (uture) 2 simulii |
| |
| Frontend Development |
| Tools and Technologies Used: |
| |
| |
| React Native, useQuery (likely from React Query) |
| React Native, useguery (likely from React Query) |
| |
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| |
| |
| Conclusion/Learning: |
| Gained an understanding of useQuery for efficient data fetching and caching in React Native |
| |
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| Name | of Depar | rtment B | SSIET-21 | |
|---------|---------------|-----------------|----------|-----------|
| Day | Tuesday | Date 24-Sep-24 | Check-in | Check-out |
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| Task(s |) Assigne | ed: | | |
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| Decis | 24 Λ 22 = - · | ata di | | |
| Projec | et Associa | atea: | | |
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| Task | Nature/D | omain: | | |
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| Tools | and Tech | nnologies Used: | | |
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| | usion/Le | arning: | | |
| No work | done. | | | |
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| Name | of Departn | nent | BSIET-21 | |
|------------|-----------------|--------------------|-----------------------|--------------------------------|
| Day | | Da 25-Sep-24 | Check-in | Check-out |
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| Task(s |) Assigned: | | | |
| D 1 | | | .1 .177 | |
| Develop | a basic screen | to tetch data from | n the API using useQu | nery. (Client Project) |
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| Projec | ct Associate | vd· | | |
| 110,00 | A Tissociate | | | |
| React N | lative Data Fet | tching | | |
| | | | | |
| To alr | Matura /Dan | | | |
| Task | Nature/Don | <u>nam:</u> | | |
| Frontenc | Development | | | |
| | | | | |
| Tools | and Techno | ologies Used: | | |
| 10015 | una reenne | ologies esea. | | |
| React Na | ıtive, useQuer | сУ | | |
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| Concl | usion/Learr | ning: | | |
| | | | sing useQuery, apply | ring the knowledge gained from |
| Monday | s exploration. | | - 3 z 1, apply | 6 |
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| Name | of Departr | nent | BSIET-21 | |
|-----------|-----------------|----------------------|--------------------------|-----------------------------|
| Day | Thursday | Da 26-Sep-24 | Check-in | Check-out |
| | | | | |
| Task(s |) Assigned: | | | |
| XX71 | - D' ADI | (4. f E | "1 1 1 | 141-4 (C |
| WORK OF | i a Django APi | to format Excel i | nes based on a specifie | d template. (Company Task) |
| | | | | |
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| | | | | |
| | | | | |
| Projec | ct Associate | ed: | | |
| Diango | API for Excel | Formatting | | |
| Django | Al I for Excel | Tormatting | | |
| | | | | |
| Task | Nature/Don | nain: | | |
| | | | | |
| Backend | Development | | | |
| Tools | and Techno | ologies Used: | | |
| 10018 | 4110 100111 | | | |
| Django, | Excel file hand | dling libraries (e.g | g., openpyxl or pandas) | |
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| | usion/Lear | | | |
| Started o | leveloping an A | API to format Exc | el files, learning about | Excel processing in Django. |
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| L | | | | |

| Name | of Departn | nent E | BSIET-21 | | |
|---------|------------------|----------------------|-------------------------|-----------------------------------|----|
| Day | Friday | Da 27-Sep-24 | Check-in | Check-out | |
| | • | | | · | · |
| Task(s |) Assigned: | | | | |
| | | | | | |
| | e working on th | ne Django API to fo | ormat Excel files, focu | using on date formatting. (Compan | ıy |
| Task) | | | | | |
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| Projec | et Associate | d: | | | |
| | | | | | |
| | | | | | |
| Django | API for Excel | Formatting | | | |
| Tools | Nature/Don | noin: | | | |
| Task . | Nature/Don | 14111. | | | |
| Backend | Development | | | | |
| | • | | | | |
| T 1 | 1.00 1 | 1 ' TT 1 | | | |
| Tools | and Techno | ologies Used: | | | |
| | | | | | |
| Diango | , Excel file har | dling libraries | | | |
| Django | , Exect the har | iding noraries | | | |
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| | | | | | |
| Concl | usion/Laser | ning: | | | |
| | usion/Learr | | es improving underst | anding of Excel manipulations in | |
| Django | ca on date for | natting in Exect III | es, improving underst | anding of Exect manipulations in | |
| | | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-4)

| Student Name: Mutti Ullah | | | | | | | |
|---|------------------------------|--|--|--|--|--|--|
| Batch: | BSIET-21 | | | | | | |
| Roll No: | _022 | | | | | | |
| | | | | | | | |
| Internee Pr | rogress: | | | | | | |
| Weekly Task | | | | | | | |
| Completion P | Percentage (%) | | | | | | |
| Supervisor Co | Supervisor Comments (if any) | | | | | | |
| | | | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | | |
| Name: Amina Ijaz | | | | | | | |
| Signature: | | | | | | | |
| Dated: Frid | day, 27-Sep-24 | | | | | | |

| Name of Department | | | BSIET | | |
|--------------------|--------|----------------|----------|-----------|--|
| Day | Monday | Date 30-Sep-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| Continue creating a Django API to format Excel sheets and extract data |
| somme viewing a 2 jungo 1 is 100 101 ina 2.1001 sinous and one and one |
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| Project Associated: |
| 3 |
| Django API for Excel Formatting and Data Extraction |
| |
| Task Nature/Domain: |
| |
| Backend Development |
| Tools and Technologies Used: |
| |
| Django, Excel handling libraries (e.g., openpyxl or pandas) |
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| |
| Conclusion/Learning: |
| Made progress on building an API for formatting and extracting data from Excel files. |
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| Name of Department | | | В | SIET | | |
|--------------------|---------|--------|---------|----------|-----------|--|
| Day | Tuesday | Date 1 | -Oct-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| Continue working on the API for formatting and data extraction in Excel sheets. |
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| |
| Project Associated: |
| Django API for Excel Formatting and Data Extraction |
| _ J6 · · · · · · · · · · · · · · · · · |
| |
| Task Nature/Domain: |
| Tusk Nature/Domain. |
| Backend Development |
| |
| Tools and Technologies Used: |
| |
| |
| Django, Excel handling libraries |
| _ Jg.,g |
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| |
| Conclusion/Learning: |
| Further developed the Excel formatting and extraction API, improving Excel handling skills. |
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| Name of Department | BSIET | |
|---|------------------------|--------------------------------|
| Day Wednesday Dat 2-Oct-24 | Check-in | Check-out |
| | | ' |
| Task(s) Assigned: | | |
| | | |
| Continue working on the Excel formatti | ng and data extraction | on API in Django |
| | | |
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| | | |
| Project Associated: | | |
| | | |
| Django API for Excel Formatting and | Data Extraction | |
| | | |
| Task Nature/Domain: | | |
| Backend Development | | |
| • | | |
| | | |
| Tools and Technologies Used: | | |
| Tools and Toolmologies escal | | |
| Django, Excel handling libraries | | |
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| Conclusion/Learning: | | |
| Continued to refine and test the API, for | cusing on accurate da | ata extraction and formatting. |
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| Day | Thursday | Dat 3-Oct-24 | Check-in | Check-out | | | |
|---|---------------|---------------|----------------------------------|-----------|--|--|--|
| Task(s) Assigned: | | | | | | | |
| | | | el sheets into the required form | nat. | | | |
| Project Associated: | | | | | | | |
| Django | API for Exc | el Formatting | | | | | |
| Task Nature/Domain: | | | | | | | |
| Backend | Developmen | nt | | | | | |
| Tools and Technologies Used: | | | | | | | |
| | , Excel handl | | | | | | |
| Conclusion/Learning: | | | | | | | |
| API is now working as expected, successfully converting Excel files to the required format. | | | | | | | |
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| Name of Department BSIET | | | | | | | |
|--|---------------|---------------------|-----------------|-----------|--|--|--|
| Day | Friday | Dat 4-Oct-24 | Check-in | Check-out | | | |
| | | | | · | | | |
| Task(s) Assigned: | | | | | | | |
| | | | | | | | |
| Work on API issues, such as concatenating DOB with patient names and ensuring codes don't auto-fill incorrectly. | | | | | | | |
| | rootly. | | | | | | |
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| Project Associated: | | | | | | | |
| J | | | | | | | |
| | | | | | | | |
| Django | API for Exce | el Formatting and I | Data Validation | | | | |
| Tack | Nature/Doi | main: | | | | | |
| 1 ask | ivature/Do | mam. | | | | | |
| Backend | Debugging a | nd Validation | | | | | |
| | | | | | | | |
| Tools | and Techr | nologies Used: | | | | | |
| 10018 | | | | | | | |
| Django, | Excel handlin | ng libraries | | | | | |
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| Const | usion/Lass | mina | | | | | |
| Conclusion/Learning: Addressed specific formatting and validation issues, focusing on accurate data representation in | | | | | | | |
| Excel. | | | | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-5)

| Student Nam | ne: <u>Mutti Ullah</u> | |
|-----------------------------|------------------------------------|--|
| Batch: | BSIET-21_ | |
| Roll No: | 022 | |
| Internee Pr | rogress: | |
| Weekly Task Completion P | (s) 100% Percentage (%) | |
| Supervisor Co | omments (if any) | |
| Training C | Coordinator/ Industrial Supervisor | |
| Name: Ami | na Ijaz | |
| Signature: | | |
| Dated: Frida | ay, 4-Oct-24 | |

| Name of D | epartment | BSIET-21 | |
|-----------|-------------------|----------|-----------|
| Day Mon | day Date 7-Oct-24 | Check-in | Check-out |

| Γask(s) Assigned: |
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| |
| Resolve issues with the Excel API (concatenating DOB with patient names and preventing codes from auto-filling in empty fields). |
| Tom auto-mining in empty neits). |
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| |
| Project Associated: |
| Django API for Excel Formatting |
| |
| |
| |
| Task Nature/Domain: |
| |
| Backend Debugging |
| |
| Tools and Technologies Used: |
| |
| Django, Excel handling libraries |
| |
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| |
| Conclusion/Learning: |
| Successfully fixed the issues to ensure correct data formatting and presentation. |
| baccessiany fixed the issues to clistic correct data formatting and presentation. |
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| Name of Department | | | | BSIET-21 | | |
|--------------------|---------|------|----------|----------|---|----------|
| Day | Tuesday | Date | 8-Oct-24 | Check-in | C | heck-out |

| Γask(s) Assigned: |
|---|
| Develop new logic to handle an additional type of Excel format. |
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| Project Associated: |
| 1 Toject 7 Issociated. |
| Django API for Multi-format Excel Handling |
| |
| Task Nature/Domain: |
| |
| Backend Development |
| Tools and Technologies Used: |
| |
| |
| Django, Excel handling libraries |
| |
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| |
| Conclusion/Learning: |
| Started creating logic to accommodate different Excel formats, expanding the API's versatility. |
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| |

| Continue developing new logic to handle another type of Excel format. Project Associated: Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: Progressed on supporting additional Excel formats, improving adaptability of the API. | Day | Wednesday | Da 9-Oct-24 | Check-in | Check-out | |
|--|----------------|-----------------|--------------------|----------------------|--------------------------|--|
| Continue developing new logic to handle another type of Excel format. Project Associated: Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | T 1 () | A · 1 | | | | |
| Project Associated: Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | Task(s) | Assigned: | | | | |
| Project Associated: Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | Continue | developing ne | ew logic to handle | another type of Exce | el format. | |
| Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Django API for Multi-format Excel Handling Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | Projec | t Associate | d: | | | |
| Task Nature/Domain: Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | Django . | API for Multi- | format Excel Han | dling | | |
| Backend Development Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | | I . /D | • | | | |
| Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | Task N | Nature/Dom | nain: | | | |
| Tools and Technologies Used: Django, Excel handling libraries Conclusion/Learning: | Doolrond | Davidonment | | | | |
| Django, Excel handling libraries Conclusion/Learning: | | | | | | |
| Conclusion/Learning: | Tools | and Techno | ologies Used: | | | |
| Conclusion/Learning: | | | | | | |
| Conclusion/Learning: | Diengo | Evaal handlin | a librarias | | | |
| | Django, | Excel nandini | g iloraries | | | |
| | | | | | | |
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| | | | | | | |
| rogressed on supporting additional Excel formats, improving adaptability of the API. | | | | | | |
| | Progresse | ed on supportir | ng additional Exce | l formats, improving | adaptability of the API. | |
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| Day | Thursday | Da 10-Oct-24 | Check-in | Check-out |
|---------|---------------|--|---------------------|------------------------------------|
| T 1 () | | | | |
| Task(s) | Assigned: | | | |
| | | ted by the Team Le to the required formate | | converts company Excel sheets from |
| | | | | |
| | t Associate | | | |
| Django | API for Multi | -format Excel Hand | ling | |
| Task l | Nature/Don | nain: | | |
| Backend | Development | and Debugging | | |
| Tools | and Techno | ologies Used: | | |
| | | | | |
| Django, | Excel handlir | ng libraries | | |
| | | | | |
| Concl | usion/Learr | ning: | | |
| | | | formats as required | d, meeting project specifications. |
| | | | | - |
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| Day | Friday | Da 11-Oct-24 | Check-in | Check-out |
|----------|---------------------------------------|-----------------------|--------------------|--|
| T1-(-) | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | |
| Task(s) |) Assigned: | | | |
| | | | | |
| Develop | API endpoint | s for user signup and | d login in Django |). |
| | | | | |
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| | | | | |
| Projec | t Associate | ed: | | |
| | | | | |
| User Au | uthentication A | API | | |
| Tack N | Nature/Dor | main: | | |
| Task I | Nature/Dor | 114111. | | |
| Backend | Development | : | | |
| Tools | and Tashn | ologica Ugodi | | |
| 10018 | and recini | ologies Used: | | |
| Б. | 133777 | 4 | | |
| Django, | , JWT or basic | authentication | | |
| | | | | |
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| | | | | |
| | | | | |
| | usion/Lear | | dnoints adding l | hasia usar authantication functionality |
| Successi | uny bunt user | signup and login ei | idpoints, adding t | basic user authentication functionality. |
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Department of Engineering Technology

Weekly Progress Report (Week-6)

| Student Nam | e: <u>Mutti Ullah</u> | | ı |
|---------------|-----------------------|------------------|---|
| Batch: | BSIET-21_ | | |
| Roll No: | 022 | | |
| | | | |
| Internee P | rogress: | | |
| Weekly Task | | 100% | |
| Completion F | Percentage (%) | | |
| Supervisor Co | omments (if any) | | |
| | | | |
| Training C | oordinator/ Indus | trial Supervisor | |
| Name: Ami | na Ijaz | | |
| Signature: | | | |
| Dated: Frid | ay, 11-Oct-24 | | |

| Name of Department | | | F | BSIET-21 | | |
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| Day | Monday | Date | 14-Oct-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
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| |
| Develop API endpoints for forgot password, verify, and reset password, and implement JWT authentication |
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| Project Associated: |
| User Authentication API |
| User Addientication AF1 |
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| Task Nature/Domain: |
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| |
| Backend Development |
| Tools and Technologies Used: |
| Tools and Technologies esea. |
| Django, JWT Authentication |
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| |
| Conclusion/Learning: |
| Successfully created password recovery endpoints, securing them with JWT authentication. |
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| Name of Department | | | E | BSIET-21 | | |
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| Day | Tuesday | Date | 15-Oct-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| Begin frontend work in React Native; create screens for signup, signin, forgot password, verify, and reset password |
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| |
| Project Associated: |
| React Native Authentication Screens |
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| |
| Task Nature/Domain: |
| |
| Frontend Development |
| |
| Tools and Technologies Used: |
| React Native |
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| |
| Conclusion/Learning: |
| Designed and set up essential authentication screens, laying the groundwork for user interaction. |
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| Name | e of Department | BSIET-21 | |
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| Day | Wednesday Dat 16-Oct-24 | | Check-out |
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| Task(s |) Assigned: | | |
| T don't |) I Issigned. | | |
| Start int | egrating backend APIs with the | e frontend authentication | n screens. |
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| Proie | ct Associated: | | |
| <u>J</u> | | | |
| Full-st | ack Authentication Integration | | |
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| T 1 | N /D | | |
| | Nature/Domain: d-Backend Integration | | |
| Tronten | 1-Dackellu Ilitegration | | |
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| T 1. | | 1. | |
| | and Technologies Used | l : | |
| React | Native, Django APIs | | |
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| Conc | lusion/Learning: | | |
| Progress | sed in connecting the frontend | and backend, allowing the | he app to communicate with the |
| authenti | cation APIs. | | |
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| Name of Department BSIET-21 | | | | | |
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| Day | Thursday | Dat 17-Oct-24 | Check-in | Check-out | |
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| Task(s |) Assigned | d: | | | |
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| Complet | e the integra | tion of backend APIs | with the frontend. | | |
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| | et Associa | | | | |
| Full-sta | ck Authentic | cation Integration | | | |
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| Task | Nature/Do | main: | | | |
| Frontenc | l-Backend In | tegration | | | |
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| Tools | and Tech | nologies Used: | | | |
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| React N | Vative, Djang | go APIs | | | |
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| Concl | usion/L so | rning: | | | |
| | usion/Lea | | ation enabling the | e app to handle user authentication | |
| seamles | | cica inc run micgi | anon, ondoning the | app to number user uniformedition | |
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| Name of Department BSIET-21 | | | | | |
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| Day | Friday | Dat 18-Oct-24 | Check-in | Check-out | |
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| Task(s |) Assigne | d: | | | |
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| Projec | t Associa | nted: | | | |
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| Tools | Nature/Do | omain. | | | |
| Task . | Nature/D | Jiliaili. | | | |
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| 10018 | and Tech | nologies Used: | | | |
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| Concl | usion/Lea | arning: | | | |
| No work | | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-7)

| Student Name: Mutti Ullah | | | | | | | |
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| Batch: | BSIET-21 | | | | | | |
| Roll No: | 022 | | | | | | |
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| Internee Pr | ogress: | | | | | | |
| Weekly Task Completion P | (s) Percentage (%) | 100% | | | | | |
| Supervisor Co | omments (if any) | | | | | | |
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| Training Coordinator/ Industrial Supervisor | | | | | | | |
| Name: Man | n Amina Ijaz | | | | | | |
| Signature: | | | | | | | |
| Dated: Frid | ay, 18-Oct-24 | | | | | | |

| Name | Name of Department BSIET-21 | | | | | | |
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| Day | Monday | Date 21-Oc | t-24 | Check-in | | Check-out | |
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| Task(s) |) Assigne | ed: | | | | | |
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| Projec | t Associa | ated: | | | | | |
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| Task 1 | Nature/D | omain. | | | | | |
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| Tools | and Tecl | nnologies U | sed· | | | | |
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| Concl | usion/Le | arning: | | | | | |
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| Name of Department | | | BSIET-21 | | |
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| Day | Tuesday | Date 22-Oct-24 | Check-in | Check-out | |

| Task(s) Assigned: |
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| Create a web page in React.js and integrate it with the API for formatting Excel documents. |
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| Project Associated: |
| Troject Associated. |
| React.js Web Page for Excel Formatting |
| |
| Task Nature/Domain: |
| Frontend Development and API Integration |
| |
| Tools and Technologies Used: |
| Ponet is Diange ADI |
| React.js, Django API |
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| Conclusion/Learning: |
| Successfully built and connected a React.js web page to the Excel formatting API, allowing users to process documents through the web interface. |
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| Name | or Department | BSIET-21 | |
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| Day | Wednesday Dat 23-Oct-24 | Check-in | Check-out |
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| Task(s) | Assigned: | | |
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| Projec | t Associated: | | |
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| Task I | Nature/Domain: | | |
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| Tools | and Technologies Used: | | |
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| Concl | usion/Learning: | | |
| Conci | asion Dourning. | | |
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| Day | Thursday | Dat 24-Oct-24 | Check-in | Check-out | | | | |
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| Task(s |) Assigned | 1: | | | | | | |
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| Begin w | Begin working on generating Python code using GPT. | | | | | | | |
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| Projec | et Associat | ted: | | | | | | |
| GPT-po | owered Code | Generation | | | | | | |
| Task 1 | Nature/Do | main: | | | | | | |
| Research | and Develop | pment | | | | | | |
| Tools | and Techi | nologies Used: | | | | | | |
| GPT A | PI, Python | | | | | | | |
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| | usion/Lea | | amata Drytlana as 1 | , focusing on understanding the setup and | | | | |
| | quirements. | is capability to gene | erate Python code | , locusing on understanding the setup and | | | | |
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| Day | Friday | Dat 25-Oct-24 | Check-in | Check-out |
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| Task(s) |) Assigned | : | | |
| | | data for training GP necessary files. | T on Python code; clo | oned Python repositories from 2021- |
| Projec | et Associate | ed: | | |
| Data Pr | eparation for | GPT Training | | |
| Task l | Nature/Doi | main: | | |
| Data Col | lection and Pa | reprocessing | | |
| Tools | and Techn | ologies Used: | | |
| GitHub, | Python | | | |
| | | | n files, laying the four | ndation for training GPT with relevant |

Department of Engineering Technology

Weekly Progress Report (Week-8)

| Student Nam | e: <u>Mutti Ullah</u> | | | | | |
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| Batch: | BSIET-21 | | | | | |
| Roll No: | 022 | | | | | |
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| Internee Pr | ogress: | | | | | |
| Weekly Task(Completion P | | 100% | | | | |
| Supervisor Co | omments (if any) | | | | | |
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| Training Coordinator/ Industrial Supervisor | | | | | | |
| Name: Ami | na Ijaz | | | | | |
| Signature: | | | | | | |
| Dated: Frida | ay, 25-Oct-24 | | | | | |

| Name of Department | | | BS | SIET-21 | | | |
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| Day | Monday | Date | 28-Oct-24 | | Check-in | Check-out | |
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| Task(s) Assigned: |
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| Generate Python code with GPT by preprocessing and tokenizing the dataset. |
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| Project Associated: |
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| GPT-powered Code Generation |
| Table Nations /Damain. |
| Task Nature/Domain: |
| Data Preprocessing |
| Data Freprocessing |
| |
| Tools and Technologies Used: |
| - |
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| Python, GPT API |
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| Conclusion/Learning: |
| Completed dataset preprocessing and tokenization, preparing it for GPT model training. |
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| Name of Department | | | E | BSIET-21 | | |
|--------------------|---------|------|-----------|----------|-----------|--|
| Day | Tuesday | Date | 29-Oct-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
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| Γrain GPT to generate Python code and perform initial testing |
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| Project Associated: |
| GPT-powered Code Generation |
| • |
| Task Nature/Domain: |
| Model Training and Testing |
| |
| Tools and Technologies Used: |
| Ded CDT A DI |
| Python, GPT API |
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| Conclusion/Learning: |
| Model provided limited results due to a small dataset (12,805 Python files). While it could complete simple statements (e.g., closing a print statement), a much larger dataset would be needed for robust |
| code generation. If we pass larger dataset through the same algorithm it would give the best result. |
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| Day | Wednesday | Dat 30-Oct-24 | Check-in | Check-out |
|----------|---|-----------------------|---------------------|--|
| Task(s |) Assigned | • | | |
| Tusk(s | <i>)</i> | • | | |
| | orking on a re Websockets. | al-time chatbot usin | g Django Websocke | ets; create a screen in React Native and |
| Projec | ct Associate | ed: | | |
| Real-tii | me Chatbot wi | ith Django Websock | rets | |
| Task | Nature/Doi | nain: | | |
| Frontenc | l and Backend | Development | | |
| Tools | and Techn | ologies Used: | | |
| Django | Websockets, | React Native | | |
| | | | | |
| Successf | lusion/Lear fully connected ory to the data | d the chatbot fronter | nd to Websockets; w | orking on resolving issues with saving |
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| Name | of Depar | | BSIET-21 | |
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| Day | Thursday | Dat 31-Oct-24 | Check-in | Check-out |
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| Task(s |) Assigned | d: | | |
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| Projec | ct Associa | ted: | | |
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| Task | Nature/Do | omain: | | |
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| Tools | and Tech | nologies Used: | | |
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| Name | of Depar | tment | BSIET-21 | |
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| Day | Friday | Dat 1-Nov-24 | Check-in | Check-out |
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| Task(s |) Assigne | d: | | |
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| Projec | et Associa | ated: | | |
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| Task | Nature/Do | omain: | | |
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| Tools | and Tech | nologies Used: | | |
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| Concl | usion/Lea | arning: | | |
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Department of Engineering Technology

Weekly Progress Report (Week-9)

| Student Name: Mutti Ullah | | | | | | | |
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| Batch: BSIET-21 | | | | | | | |
| Roll No: <u>022</u> | | • | | | | | |
| Internee Progress: | | | | | | | |
| Weekly Task(s) Completion Percentage (%) | 100% | _ | | | | | |
| Supervisor Comments (if any) | | | | | | | |
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| Training Coordinator/ Indus | strial Supervisor | | | | | | |
| Name: Amina Ijaz | | | | | | | |
| Signature: | Signature: | | | | | | |
| Dated: Friday, 1-Nov-24 | | | | | | | |

| Name of Department | | | BS | SIET-21 | | |
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| Day | Monday | Date | 4-Nov-24 | Check-in | Check-out | |

| Task(s) Assigned: |
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| Work on Diange Webseekets for real time shotting (nanding) |
| Vork on Django Websockets for real-time chatting (pending). |
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| Project Associated: |
| |
| Real-time Chatbot with Django Websockets |
| Real-time Chatbot with Django websockets |
| Task Nature/Domain: |
| Poston d Dovolonment |
| Backend Development |
| |
| Tools and Technologies Used: |
| |
| Django Websockets |
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| Conclusion/Learning: The work on Django Websockets for real-time chat is still in progress. |
| The work on Diango woosockets for fear time charts still in progress. |
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| Name of Department | | | В | SIET-21 | | |
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| Day | Tuesday | Date | 5-Nov-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
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| Start QA testing for the OCR API by verifying responses from different PDFs and images (from different practices). |
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| Project Associated: |
| OCR API Quality Assurance |
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| Task Nature/Domain: |
| |
| QA Testing |
| Tools and Technologies Used: |
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| OCR API, PDFs, and images |
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| Conclusion/Learning: |
| Began testing the OCR API to ensure it provides correct responses and data across various document types of Medical Billing. |
| ypes of Medical Diffing. |
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| Name | of Department | BSIET-21 | | | | | | | | |
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| Day | Wednesday Dat 6-Nov-24 | Check-in | Check-out | | | | | | | |
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| Task(s |) Assigned: | | | | | | | | | |
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| Continue | Continue QA testing for the OCR API. | | | | | | | | | |
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| Projec | ct Associated: | | | | | | | | | |
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| OCR A | PI Quality Assurance | | | | | | | | | |
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| Task | Nature/Domain: | | | | | | | | | |
| QA Test | ing | | | | | | | | | |
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| Tools | and Technologies Used: | | | | | | | | | |
| | | | | | | | | | | |
| OCR A | PI, PDFs, and images | | | | | | | | | |
| OCKA | i i, i Di's, and images | | | | | | | | | |
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| Concl | usion/Learning: | | | | | | | | | |
| | | ootential issues in the OC | CR's data extraction from different | | | | | | | |
| documer | | | | | | | | | | |
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| Name | Name of Department BSIET-21 | | | | | | |
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| Day | Thursday | Dat 7-Nov-24 | Check-in | Check-out | | | |
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| Task(s |) Assigned | 1: | | | | | |
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| Continue | QA testing | for the OCR API. | | | | | |
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| Projec | t Associa | ted: | | | | | |
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| Task | Nature/Do | omain: | | | | | |
| QA Test | ing | | | | | | |
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| 10018 | and Tech | nologies Used: | | | | | |
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| OCR A | PI, PDFs, an | d images | | | | | |
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| Concl | usion/Lea | rning: | | | | | |
| Continue | ed testing and | d documenting issue | s, ensuring comprehen | nsive coverage for the OCR API's | | | |
| function | ality. | | | | | | |
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| Name of Department BSIET-21 | | | | | | |
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| Day Frid | day] | Dat 8-Nov-24 | Check-in | Check-out | | |
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| Task(s) As | signed: | | | | | |
| | | | | | | |
| Completed O | A tosting f | or the OCR API. | | | | |
| Completed Q | A testing i | of the OCK Ai I. | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Project A | ssociated | 1. | | | | |
| 1 Toject 71 | ssociated | 1. | | | | |
| OCR API Q | uality Assı | ırance | | | | |
| | | | | | | |
| To all Mate | /Dama | ···· | | | | |
| Task Natu QA Testing | ire/Dom | d1II: | | | | |
| QTTTesting | | | | | | |
| | | | | | | |
| Tools and | Techno | logies Used: | | | | |
| 10015 4114 | | logies esea. | | | | |
| | | | | | | |
| OCR API, P | DFs, and i | mages | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Conclusio | n/Learn | ing: | | | | |
| | | | d the issues encour | ntered during the process. | | |
| | | | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-10)

| Student Name: Mutti Ullah | | | | | | | |
|---|------------|--|--|--|--|--|--|
| Batch: BSIET -21 | | | | | | | |
| Roll No: <u>022</u> | | | | | | | |
| Internee Progress: | | | | | | | |
| Weekly Task(s) Completion Percentage (%) | 100% | | | | | | |
| Supervisor Comments (if any) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | | |
| Name: Amina Ijaz | | | | | | | |
| Signature: | Signature: | | | | | | |
| Dated: Friday, 8-Nov-24 | | | | | | | |

| Name of Department | | | | BSIET-21 | | |
|--------------------|--------|------|-----------|----------|-----------|--|
| Day | Monday | Date | 11-Nov-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| |
| Developed APIs in Django for chatting between two people |
| Severoped 741 is in Djungo for chaiting between two people |
| |
| |
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| |
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| |
| Project Associated: |
| 110ject 11550clated. |
| |
| Chat Application Development. |
| |
| Task Nature/Domain: |
| |
| Backend Development, Real-Time Communication. |
| Tools and Tashnala size Used. |
| Tools and Technologies Used: |
| Django, WebSocket, consumer.py |
| |
| |
| |
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| |
| |
| |
| Conclusion/Learning: |
| Gained experience in implementing WebSocket communication for real-time chat functionality using Django |
| Jungo |
| |
| |
| |

| Name of Department | | | BSIET-21 | | | |
|--------------------|---------|------|-----------|----------|-----------|--|
| Day | Tuesday | Date | 12-Nov-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| Continued development of APIs in Django for chatting between two people, completing the task. |
| |
| |
| |
| |
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| |
| Project Associated: |
| |
| Chat Application Development |
| |
| Task Nature/Domain: |
| |
| Backend Development, Real-Time Communication. |
| Tools and Technologies Used: |
| |
| |
| Django, WebSocket, consumer.py. |
| |
| |
| |
| |
| Conclusion/Learning: |
| Improved understanding of WebSocket handling and API development in Django. Task successfully |
| completed. |
| |
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| |

| Name | of Departm | | BSIET-21 | | |
|-------------|--------------------------------|--------------------|-------------------------|-------------------------------|-------------|
| Day | Wednesday | Da 13-Nov-24 | Check-in | Check-out | |
| Tools(a |) Assigned: | | | | |
| Task(s |) Assigned: | | | | |
| Started v | | ws in Django for s | secure sign-in, sign-up | , room creation/joining, and | file upload |
| to the de | auouse | | | | |
| | | | | | |
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| | | | | | |
| | ct Associate | | | | |
| Cnat A | pplication Dev | eropment | | | |
| | | | | | |
| Task | Nature/Dom | nain: | | | |
| | | | | | |
| Backeno | l Development, | Authentication, I | file Management | | |
| TD 1 | 177. 1 | 1 ' TT 1 | | | |
| Tools | and Techno | ologies Used: | | | |
| | | | | | |
| ъ. | D' ODM | | • • • | | |
| Django | , Django ORM | , Authentication I | Libraries | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | . /T | • | | | |
| | lusion/Learn about designin | | cation views and settin | g up file upload functionalit | y. Work in |
| progress | _ | 6 wantend | and south | 6 F Proud Isherionality | , |
| | | | | | |
| | | | | | |
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| Name of Department BSIET-21 | | | | | | | | | |
|-----------------------------|------------------------------------|-------------------|--------------------------|-------------------------------|--------|--|--|--|--|
| Day | Thursday | Da 14-Nov-24 | Check-in | Check-out | | | | | |
| | | | | | | | | | |
| Task(s) Assigned: | | | | | | | | | |
| | ed the develop upload to the da | | Django for secure sign- | in, sign-up, room creation/jo | ining, | | | | |
| Projec | ct Associate | d: | | | | | | | |
| Chat A | pplication Dev | elopment. | | | | | | | |
| Task | Nature/Dom | nain: | | | | | | | |
| Backend | Development, | Authentication, F | File Management. | | | | | | |
| Tools | and Techno | ologies Used: | | | | | | | |
| Django, | Django ORM, | Authentication Li | braries. | | | | | | |
| Conc | lusion/Learr | ning: | | | | | | | |
| | | | thentication and file up | load functionality. | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| Day | Fraday | Da 15-Nov-24 | Check-in | Check-out |
|----------|--------------------------------|----------------------|-----------------------|---|
| Task(s |) Assigned: | | | |
| | | | app and created the l | basic structure to fetch data from APIs |
| Projec | et Associate | ed: | | |
| Chat A | oplication Dev | relopment | | |
| Task 1 | Nature/Don | nain: | | |
| Mobile A | App Developm | ent, API Integration | ı | |
| Tools | and Techno | ologies Used: | | |
| React Na | ntive, JavaScri _j | pt, APIs. | | |
| | usion/Leari amiliarity with | | Native project and in | ntegrating APIs for fetching data. |
| | | | | |

Department of Engineering Technology

Weekly Progress Report (Week-11)

| Student Name: Mutti Ullah | | ı |
|--|------------------|---|
| Batch: BSIET-21 | | |
| Roll No: <u>022</u> | | |
| | | |
| Internee Progress: | | |
| Weekly Task(s) Completion Percentage (%) | 100% | |
| Supervisor Comments (if any) | | |
| | | |
| | | |
| | | |
| | | |
| Training Coordinator/ Indus | trial Supervisor | |
| Name: Amina Ijaz | | |
| Signature: | | |
| Dated: Friday, 15 Nov 24 | | |

| Name of Department | DSILI | |
|---------------------------|----------|-----------|
| Day Monday Date 18-Nov-24 | Check-in | Check-out |

| Task(s) Assigned: |
|---|
| Set up drawer, bottom, and stack navigations using the React Native Paper library |
| |
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| |
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| |
| Project Associated: |
| Chat Application Development |
| |
| |
| Task Nature/Domain: |
| Mehile Ann Development III/IIV Design |
| Mobile App Development, UI/UX Design |
| |
| Tools and Technologies Used: |
| |
| React Native, React Navigation, React Native Paper |
| |
| |
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| |
| |
| Conclusion/Learning: |
| Learned to implement navigational patterns using the React Native Paper library for better app design |
| |
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| Name of Department | | | E | BSIET | | |
|--------------------|---------|------|-----------|----------|-----------|--|
| Day | Tuesday | Date | 19-Nov-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|--|
| Began implementing dynamic theme switching (Dark/Light mode) using React Native Paper. |
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| |
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| |
| Project Associated: |
| |
| Chat Application Development. |
| |
| Task Nature/Domain: |
| |
| Mobile App Development, Theming |
| Tools and Technologies Used: |
| |
| |
| React Native, React Native Paper. |
| |
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| |
| |
| Conclusion/Learning: |
| Gained insights into theme management but did not complete the task on this day. |
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| Name | of Departn | nent B | SIET | | |
|----------|-----------------|---------------------|---------------------|-------------------------------|---------|
| Day | | Dat 20-Nov-24 | Check-in | Check-out | |
| • | | | | | • |
| Task(s |) Assigned: | | | | |
| | | | | | |
| Continue | ed and complet | ted the implementat | ion of dynamic the | me switching (Dark/Light mode |) ucina |
| | ative Paper | ied the implementat | ion of dynamic the | me switching (Dark Light mode |) using |
| | | | | | |
| | | | | | |
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| D | | 1. | | | |
| Projec | et Associate | ea: | | | |
| Chat A | pplication Dev | elopment. | | | |
| | | F | | | |
| - 1 · | N. 17 | | | | |
| Task | Nature/Don | naın: | | | |
| Mobile A | App Developm | ent, Theming | | | |
| | | | | | |
| Tools | and Techno | ologies Used: | | | |
| 10015 | | | | | |
| | | | | | |
| React N | Native, React N | Vative Paper | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Concl | usion/Lear | ning: | | | |
| | | | g, improving user e | xperience with dynamic themes | |
| | | | | | |
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| | | | | | |
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| Name | of Depart | ment | BSIET | |
|----------|----------------|----------------------|-----------------------|-----------------------------|
| Day | Thursday | Dat 21-Nov-24 | Check-in | Check-out |
| | | | | |
| Task(s |) Assigned | l: | | |
| | | | | |
| Dociono | d and arouted | additional saraans f | for the chet applicat | tion in React Native. |
| Designed | i and created | additional screens i | or the chat applicat | non in React Native. |
| | | | | |
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| | | | | |
| Proiec | et Associat | ted: | | |
| | | | | |
| Chat A | pplication De | evelopment | | |
| | | | | |
| Tack | Nature/Do | main: | | |
| | | ment, UI/UX Design | 1. | |
| | | | | |
| | | | | |
| Tools | and Techi | nologies Used: | | |
| | | | | |
| React Na | ative, React N | Native Paper, JavaSc | ript. | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Concl | usion/Lea | rning: | | |
| | | | elopment using Rea | ct Native Paper components. |
| | | | | |
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| | | | | |

| Day | Friday | Dat 22-Nov-24 | Check-in | Check-out | |
|----------------------|----------------|----------------------|--------------------|-----------------------------|---------------|
| | | | | | |
| Task(s) |) Assigned | : | | | |
| | | | | | |
| | on creating lo | gic for uploading an | d displaying image | s on the frontend from the | Django |
| server. | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Proied | et Associat | ed: | | | |
| | | | | | |
| Chat A | oplication De | velonment | | | |
| | | | | | |
| Task l | Nature/Do | main: | | | |
| Backend | -Frontend Int | egration, Image Han | dling. | | |
| | | | | | |
| Tools | and Techr | ologies Used: | | | |
| | | | | | |
| | | | | | |
| React N | lative, Django | o, APIs. | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | usion/Lear | | anga ADIa with Day | ot Native for image wells | d and disular |
| Ennance functiona | ality. | ng of integrating DJ | ango Aris with Kea | act Native for image upload | a and display |
| | | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-12)

| Student Name: Mutti Ullah | |
|---|--|
| Batch: BSIET-21 | |
| Roll No: <u>022</u> | |
| Internee Progress: | |
| Weekly Task(s) Completion Percentage (%) | |
| Supervisor Comments (if any) | |
| Training Coordinator/ Industrial Supervisor | |
| Name: Amina Ijaz | |
| Signature: | |
| Dated: Friday, 22-Nov-24 | |

| Name of Department | | | В | SIET-21 | | |
|--------------------|--------|------|-----------|----------|-----------|--|
| Day | Monday | Date | 25-Nov-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|--|
| Resolved errors encountered during the integration of the frontend and backend. |
| |
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| |
| Project Associated: |
| |
| Chat Application Development. |
| Chat Application Development. |
| Task Nature/Domain: |
| |
| Backend-Frontend Integration, Debugging |
| |
| Tools and Technologies Used: |
| |
| React Native, Django, APIs. |
| |
| |
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| |
| Conclusion/Learning: |
| mproved problem-solving skills and gained experience in troubleshooting integration issues |
| |
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| Name of Department | | | \mathbf{B}_{i} | SIET-21 | | |
|--------------------|---------|------|------------------|----------|-----------|--|
| Day | Tuesday | Date | 26-Nov-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|--|
| Worked on implementing real-time notifications from the database using WebSockets. |
| r · · · · · · · · · · · · · · · · · · · |
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| |
| Project Associated: |
| Chat Application Davalanment |
| Chat Application Development. |
| Tools Notices/Domesia. |
| Task Nature/Domain: |
| Deal Time Communication Bealer I Decalement |
| Real-Time Communication, Backend Development. |
| Tools and Technologies Used: |
| Django, WebSockets. |
| J. 8.7 |
| |
| |
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| |
| |
| Conclusion/Learning: Explored real-time notification handling with WebSockets but did not complete the task. |
| Explored real time notification nanding with websockets but did not complete the task. |
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| Name | e of Department | BSIET-21 | |
|-----------|---|------------------------|-------------------------|
| Day | Wednesday Dat 27-Nov-24 | Check-in | Check-out |
| • | | | |
| Task(s | s) Assigned: | | |
| | 1 | | |
| Began o | eveloping APIs for an attendance | e module as assigned | by the Team Lead. |
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| | | | |
| | | | |
| | | | |
| | | | |
| Proie | ct Associated: | | |
| | ance Management Module. | | |
| | | | |
| | | | |
| Task | Nature/Domain: | | |
| Tusk | Tutaro, Domain. | | |
| Backen | d Development, API Design. | | |
| | | | |
| Tools | and Technologies Used: | | |
| | | | |
| | | | |
| Diango | o, Django REST Framework. | | |
| J | , J. 8 | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | lusion/Learning: | 1 1157 | |
| Initiated | the development of attendance-r | elated APIs but the ta | sk remained incomplete. |
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| Name | of Depart | ment | BSIET-21 | |
|---------|---------------|--------------------|---------------------------|--|
| Day | Thursday | Dat 28-Nov-24 | Check-in | Check-out |
| | • | | | |
| Task(s |) Assigned | l : | | |
| Cantinu | | -4-d 4h darralamma | nt of ADIs for the otto | . don oo mo dulo |
| Continu | ea ana compi | eted the developme | ent of APIs for the atten | ndance module. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Proje | ct Associat | ed: | | |
| | | | | |
| Attend | ance Manager | nent Module. | | |
| | | | | |
| Task | Nature/Do | main: | | |
| Rackeno | l Develonmen | at, API Design | | |
| Dacken | i Developmen | it, Ai i Design | | |
| Tools | and Tacke | alacias Hard. | | |
| 10018 | and recin | nologies Used: | | |
| | | | | |
| Django | o, Django RES | ST Framework. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Conc | lusion/Lea | rning: | | |
| | | | endance-related APIs, | ensuring robust backend functionality. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Day | Friday | Dat 29-Nov-24 | Check-in | Check-out |
|-----------|-----------------|------------------------|------------------------|------------------------------------|
| | | | | |
| Task(s) |) Assigned | : | | |
| | | | | |
| Designed | l screens to fe | etch data from the da | tabase and mark atten | dance, including a search box for |
| searching | g names retrie | eved from the API. | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| Projec | t Associate | ed: | | |
| | | | | |
| Attenda | nce Managen | nent Module. | | |
| | | | | |
| Task l | Nature/Doi | main: | | |
| Mobile A | Ann Develonn | nent, Frontend Desig | n | |
| ivioone i | трр Бетегорг | ment, i rontena Desig | | |
| Tools | and Techn | ologies Used: | | |
| 10013 | and reem | lologies Osea. | | |
| | | | | |
| React N | lative, APIs, J | JavaScript. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | usion/Lear | | 1 1 6 2 12 | |
| Enhance | a UI/UX desi | gn skills and integrat | ea search functionalit | ty for seamless attendance marking |
| | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-13)

| Student Nam | Student Name: Mutti Ullah | | | | | |
|---|---------------------------|------|--|--|--|--|
| Batch: | BSIET 21 | | | | | |
| Roll No: | 022 | | | | | |
| | | | | | | |
| Internee P | rogress: | | | | | |
| Weekly Task Completion F | Percentage (%) | 100% | | | | |
| Supervisor Co | omments (if any) | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | <u> </u> | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | |
| Name: Amina Ijaz | | | | | | |
| Signature | | | | | | |
| Dated: Fri | day, 29 Nov 24 | | | | | |

| Name of Department | | | B | SIET-21 | | |
|--------------------|--------|------|----------|----------|-----------|--|
| Day | Monday | Date | 2-Dec-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| Started working on creating a standalone React Native app and addressed build errors. |
| 71. |
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| |
| Dunie at Appeniate de |
| Project Associated: |
| React Native Standalone Application |
| |
| Task Nature/Domain: |
| Task Nature/Domain. |
| Mobile App Development, Debugging. |
| |
| Tools and Technologies Used: |
| |
| React Native, Node.js, JavaScript. |
| |
| |
| |
| |
| |
| |
| Conclusion/Learning: |
| Encountered build errors and began troubleshooting, but the task remained incomplete. |
| |
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| Name of Department | | BSIET-21 | | | |
|--------------------|---------|---------------|----------|-----------|--|
| Day | Tuesday | Date 3-Dec-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
|---|
| Continued working on the standalone React Native app, focusing on resolving build errors. |
| continued working on the standarone react reactive app, focusing on resolving build citors. |
| |
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| |
| |
| Project Associated: |
| React Native Standalone Application. |
| Tr |
| To all Nations /Dames in . |
| Task Nature/Domain: |
| Mobile App Development, Debugging |
| |
| Tools and Technologies Used: |
| |
| |
| React Native, Node.js, JavaScript. |
| |
| |
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| |
| |
| Conclusion/Learning: |
| Gained further insights into handling React Native build issues, though the task was not completed. |
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| Name | of Department | BSIET-21 | |
|----------|--------------------------------|--------------------------|------------------------------------|
| Day | Wednesday Dat 4-Dec-24 | | Check-out |
| | | | |
| Task(s |) Assigned: | | |
| | | | |
| Successi | fully created a standalone Rea | act Native app and resol | ved all build errors. |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Proie | et Associated: | | |
| - 5 | | | |
| React 1 | Native Standalone Application | n. | |
| | | | |
| Task | Nature/Domain: | | |
| | | | |
| Mobile A | App Development, Debuggin | g. | |
| | | | |
| Tools | and Technologies Use | ed: | |
| | | | |
| | | | |
| React I | Native, Node.js, JavaScript. | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | / т | | |
| | lusion/Learning: | experience in resolving | build errors and deploying a React |
| Native a | | experience in resorving | ound errors and deproying a React |
| | | | |
| | | | |
| | | | |
| | | | |

| Day | Thursday | Dat 5-Dec-24 | Check-in | Check-out |
|---------------------|----------------|-----------------------|-------------------------|------------------------------------|
| Task(s |) Assigned | <u>:</u> | | |
| | | | 124 () (1 1 | |
| Worked | on cleaning a | nd optimizing the ar | chitecture of the real- | time chatting app for the frontend |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Projec | t Associat | ed: | | |
| | | | | |
| Chat A ₁ | oplication De | velopment. | | |
| Task l | Nature/Do | main: | | |
| Frontend | Architecture | Design, Code Optir | nization. | |
| | | | | |
| Tools | and Techr | nologies Used: | | |
| | | | | |
| React N | lative, WebSo | ocket, JavaScript. | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Concl | usion/Lea | rning: | | |
| Streamli | ned the fronte | end codebase, enhance | cing maintainability a | and performance |
| | | | | |
| | | | | |
| | | | | |

| Name | Name of Department BSIET-21 | | | | | | |
|--------------------|-----------------------------|--------------------|-----------------------------|--|--|--|--|
| Day | Friday | Dat 6-Dec-24 | Check-in | Check-out | | | |
| | • | | | | | | |
| Task(s |) Assigned | : | | | | | |
| C 4 : | . 1 1 | | | differential maniferent and an arrangement | | | |
| Continue WebSoc | | i implementing log | gic to enable real-time no | otifications in the app using | | | |
| | | | | | | | |
| | | | | | | | |
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| D . | | | | | | | |
| Projec | ct Associate | ed: | | | | | |
| Chat A | pplication De | velopment. | | | | | |
| | | 1 | | | | | |
| TD 1 | NI / /D | • | | | | | |
| Task | Nature/Doi | main: | | | | | |
| Real-Tir | ne Communic | cation, Backend-Fr | ontend Integration. | | | | |
| | | | | | | | |
| Tools | and Techn | ologies Used: | | | | | |
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| | | | | | | | |
| Dianaa | WahCaalaat | Doget Native | | | | | |
| Django | , websocket, | React Native. | | | | | |
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| | | | | | | | |
| | lusion/Lear | | | | | | |
| Made pr | ogress in integ | grating WebSocke | t notifications but the tas | sk is still ongoing. | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-14)

| Student Name: Mutti Ullah | | | | | | |
|---|----------------------|------|---|--|--|--|
| Batch: | Bsiet 21 | | | | | |
| Roll No: | 022 | | | | | |
| | | | | | | |
| Internee Pr | ogress: | | | | | |
| Weekly Task Completion P | (s) ercentage (%) | 100% | _ | | | |
| Supervisor Co | omments (if any) | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | |
| Name: Ami | na Ijaz | | | | | |
| Signature | | | | | | |
| Dated:: Fric | lay, 6-Dec-24 | | | | | |

| Name | of Depar | rtment | BSIET-21 | |
|----------|-------------|----------------------|------------------------------|--|
| Day | | Date 9-Dec-24 | Check-in | Check-out |
| | | | | |
| Task(s |) Assigne | ed: | | |
| | | | | |
| | | | (01) | |
| Worked | on enabling | the sharing of medi | a (files, images, videos) in | n real-time chatting. |
| | | | | |
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| Droia | ct Associa | atad: | | |
| 110,00 | CL ASSUCI | aicu. | | |
| Appli | cation- C | ompany Project | | |
| | | | | |
| Т. 1 | N. d /D. | • | | |
| lask | Nature/D | omain: | | |
| Real-Tir | ne Commur | nication, Media Shar | ing. | |
| | | | | |
| Tools | and Tecl | nnologies Used: | | |
| 10015 | una reci | | | |
| Django, | WebSocket | , React Native, APIs | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| Concl | lusion/Le | arning: | | |
| | | | a sharing features in real-1 | time applications, but the task is still |
| incompl | | F moon | | |
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| Day | Tuesday | Date | 10-Dec-24 | Check-in | Check-out | |
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| | • | | • | | | |
| Task(s) |) Assigne | ed: | | | | |
| | | | dd New Mem th the server. | ber" module to ens | ure that new member records | |
| Projec | t Associ | ated: | | | | |
| Applio | cation- C | Compan | y Project | | | |
| Task I | Nature/D | omain: | | | | |
| Backend | Synchroni | zation, R | eal-Time Dat | abase Updates. | | |
| Tools | and Tecl | hnolog | ies Used: | | | |
| React | Native | | | | | |
| | | | | | | |
| Concl | usion/Le | arning | | | | |
| | | | | on for adding mem | pers but did not complete the tas | k. |
| | | | | | | |
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| Name | of Departm | nent | BSIET-21 | |
|---------------------|-------------------|-----------------------------|-----------------------|--|
| Day | Wednesday | D 11-Dec-24 | Check-in | Check-out |
| | | | | |
| Task(s |) Assigned: | | | |
| _ 332(2 |)~~- <u>&</u> | | | |
| Started v WebSoc | | lementing an AI | Agentic Chatbot in th | ne real-time chat application using |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Duois | ot A ago sinto | J. | | |
| Projec | ct Associate | d: | | |
| Chat A | pplication Deve | elopment. | | |
| | 11 | 1 | | |
| | | | | |
| Task | Nature/Dom | nain: | | |
| Real-Tir | ne Communica | tion, AI Integratio | on. | |
| Tools | and Techno | ologies Used: | | |
| 10018 | una roomi | | | |
| Django, | WebSocket, Ll | ama 3.2 Model | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| Conc | lucion/Lagr | ning: | | |
| Initiated | lusion/Learn | ning. mentation using th | e Llama 3.2 model. e | exploring AI agent integration into real- |
| time cha | | memarion dams in | | on proving 111 agone integration into real |
| | | | | |
| | | | | |
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| Name | of Departm | ent B | SSIET-21 | |
|---------|-----------------|--|-----------------------|--|
| Day | Thurday | D 12-Dec-24 | Check-in | Check-out |
| | | | ' | |
| Task(s |) Assigned: | | | |
| D C' | | 1 22 11 | | |
| | | lama 3.2 model us it in the databas | ing a custom dataset. | . Created the dataset by extracting data |
| | | | | |
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| D. | | | | |
| Projec | ct Associated | d: | | |
| Chat A | pplication Deve | elopment | | |
| | ppiicuiion Devi | | | |
| | | | | |
| Task 1 | Nature/Dom | ain: | | |
| Machine | Learning, Data | aset Preparation. | | |
| | <i>U</i> , | • | | |
| Tools | and Tachno | logies Used: | | |
| 10018 | and recinic | logies Oseu. | | |
| Llama 3 | .2 Model, PDF | Parsers, Django Ol | RM | |
| | | | | |
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| Concl | usion/Learn | ing: | | |
| | | | taset for fine-tuning | the model. Task remained incomplete |
| 0 132 | 1 10 | <u> </u> | -8 | |
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| Name of Depart | ment 1 | BSIET-21 | | |
|-----------------------|--------------------|------------------------|-------------------------------------|--|
| Day Friday | D 13-Dec-24 | Check-in | Check-out | |
| | | | | |
| Task(s) Assigned | · | | | |
| | • | | | |
| Continued fine-tuning | the Llama 3.2 mod | el with the custom d | ataset. Further refined the dataset | |
| extracted from PDFs a | | | | |
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| Project Associat | ed: | | | |
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| Chat Application De | velopment. | | | |
| To als Noture /Do | | | | |
| Task Nature/Dox | main: | | | |
| | | | | |
| Machine Learning, Da | ataset Preparation | | | |
| | | | | |
| Tools and Techn | ologies Used: | | | |
| | | | | |
| | | | | |
| Llama 3.2 Model, PI | OF Parsers, Django | ORM | | |
| | | | | |
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| Conclusion/Lear | ning: | | | |
| | | er insights into fine- | tuning AI models. Task is still in | |
| progress. | ^ | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-15)

| Student Name: Mutti Ullah | | | | | |
|---------------------------|-------------------|------------------|--|--|--|
| Batch: | BSIET-21 | | | | |
| Roll No: | 022 | | | | |
| | | | | | |
| Internee P | rogress: | | | | |
| Weekly Task | (s) | 100% | | | |
| Completion F | Percentage (%) | | | | |
| Supervisor Co | omments (if any) | | | | |
| | | | | | |
| Training C | oordinator/ Indus | trial Supervisor | | | |
| Name: Ami | na Ajiz | | | | |
| Signature: | | | | | |
| Dated: 13-I | Dec-24 | | | | |

| Name o | of Depar | tment | BSIE' | T-21 | | | |
|-----------|-------------|----------------------|--------|------------|------------|-------------------|------------|
| Day | Monday | Date 16-Dec-24 | (| Check-in | | Check-out | |
| | | | | | | | |
| Task(s) | Assigne | d: | | | | | |
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| | | | | | | | |
| | 1.0 | | | | | 1.6 | D E |
| | | | l usir | ng the cus | tom datase | et created from P | DFs |
| and store | ea in the | e database. | | | | | |
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| D : 4 | A . | . 1 | | | | | |
| Project | Associa | itea: | | | | | |
| | | | | | | | |
| Chat App | olication D | evelopment. | | | | | |
| | | - | | | | | |
| Task N | ature/Do | omain: | | | | | |
| | | | | | | | |
| Machine L | earning, N | Model Fine-Tuning | | | | | |
| | | | | | | | |
| Tools a | nd Tech | nologies Used: | | | | | |
| T.1. 2.2 | M 11 PT | | OD3.4 | | | | |
| Llama 3.2 | Model, PI | OF Parsers, Django (| URM | | | | |
| | | | | | | | |
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Conclusion/Learning:

Progressed in fine-tuning the model and handling dataset integration for improved functionality

| Name | of Depar | rtment | В | SSIET-21 | | |
|------|----------|--------|-----------|----------|-----------|--|
| Day | Tuesday | Date | 17-Dec-24 | Check-in | Check-out | |

| Γask(s) Assigned: |
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| Tested the app's user interface after updates to ensure consistency across different devices. |
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| Project Associated: |
| |
| Chat Application Development. |
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| |
| Task Nature/Domain: |
| |
| Frontend Testing, Cross-Device Compatibility |
| |
| Tools and Tashmala size Handi |
| Tools and Technologies Used: |
| |
| Frontend Testing, Cross-Device Compatibility |
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| Conclusion/Learning: |
| mproved user interface consistency and enhanced understanding of UI/UX standards across devices. |
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| Name of Department | | BSIET-21 | | | |
|--------------------|-----------|--------------|----------|-----------|---|
| Day | Wednesday | Da 18-Dec-24 | Check-in | Check-out | |
| | • | | | | · |
| Task(s) | Assigned: | | | | |

| Task(s) Assigned: |
|--|
| Tested the app's functionality, fixed issues encountered, and conducted thorough integration testing |
| with the fine-tuned model. |
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| Project Associated: |
| Toject Associated. |
| Chat Application Development |
| Chat Application Development. |
| |
| Task Nature/Domain: |
| Backend-Frontend Integration, Debugging. |
| Backend-Frontend Integration, Debugging. |
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| |
| Tools and Technologies Used: |
| |
| Django, WebSocket, React Native, Llama 3.2 Model |
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| Conclusion/Learning: |
| Resolved integration issues and ensured seamless functionality of the app with the fine-tuned model. |
| Z tanks in the same same same same same same same sam |
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| Name of Department BSIET-21 | | | | | | | |
|-----------------------------|-------------------|------------------------|---------------------|-------------------------------------|-----|--|--|
| Day | Thursday | Da 19-Dec-24 | Check-in | Check-out | | | |
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| Task(s | Task(s) Assigned: | | | | | | |
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| Enhance | d the dataset b | by cleaning and prepr | ocessing data for | better performance during model fir | ne- | | |
| tuning. | | | | | | | |
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| Duois | at Aggariate | , d. | | | | | |
| Projec | ct Associate | ea: | | | | | |
| Chat A | pplication Dev | velopment. | | | | | |
| | 11 | • | | | | | |
| TD 1 | N / /D | • | | | | | |
| Task | Nature/Dor | nain: | | | | | |
| Data Cle | eaning, Machir | ne Learning | | | | | |
| | | | | | | | |
| Tools | and Techn | ologies Used: | | | | | |
| | | | | | | | |
| Python, | Pandas, Data I | Preprocessing Librari | es. | | | | |
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| | | | | | | | |
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| Conc | lusion/Lear | ning: | | | | | |
| | | ity and observed bette | er results during i | nitial fine-tuning. | | | |
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| Name of Department BSIET-21 | | | | | | | | |
|-----------------------------|---|-----------------------|------------------------|----------------------------------|----------|--|--|--|
| Day | Friday | Da 20-Dec-24 | Check-in | Check-out | | | | |
| | | | | | | | | |
| |) Assigned: | | | 11 0 0 1 | | | | |
| Continue | Continued cleaning and preprocessing the dataset to enhance model performance further | | | | | | | |
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| Projec | ct Associate | ed: | | | | | | |
| Chat A | pplication Dev | elopment. | | | | | | |
| • | | 1 | | | | | | |
| Tr. 1 | NI / /D | • | | | | | | |
| Task | Nature/Don | nain: | | | | | | |
| | | | | | | | | |
| Data Cle | eaning, Machin | e Learning. | | | | | | |
| Tools | and Techno | ologies Used: | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Druthon | Dondoo Longo | shain Chramadh D | oto Duomno occaino I i | hanani aa | | | | |
| Python | , Failuas,Laiige | mam, Chromado, Da | ata Preprocessing Li | oraries | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | usion/Learn | | | | | | | |
| Finalized | d dataset prepa | ration, ensuring it m | neets the requirement | s for optimal model fine-tuning. | | | | |
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Department of Engineering Technology

Weekly Progress Report (Week-16)

| Student Name: Mutti Ullah | | | | | | | | | |
|---|------|--|--|--|--|--|--|--|--|
| Batch: BSIET-21 | | | | | | | | | |
| Roll No: <u>022</u> | ı | | | | | | | | |
| | | | | | | | | | |
| Internee Progress: | | | | | | | | | |
| Weekly Task(s) Completion Percentage (%) | 100% | | | | | | | | |
| Supervisor Comments (if any) | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| Training Coordinator/ Industrial Supervisor | | | | | | | | | |
| Name: Amina Ijaz | | | | | | | | | |
| Signature: | | | | | | | | | |
| Dated: 20-Dec-24 | | | | | | | | | |