

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Log Sheets for the Evaluation of Internship (COMP 408)**

**Cotiviti Nepal**  
**Hattisar, Nepal**

**Submitted by:**  
**Pranima Kansakar**  
**024322-18**  
**CE Final Year**

**24-07-2023**

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: I

Month: I


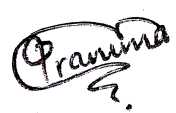
Date	Activity	Remarks
17-04-2023	<ul style="list-style-type: none"><li>• Signed NDA</li><li>• Received work devices</li><li>• Completed work laptop setup</li><li>• Learnt about the company practices like Payroll Entry, Service Desk Portal for hardware services, software services, etc</li><li>• Assigned with New Hire Compliance Training Courses</li><li>• Completed two Compliance Training Courses:<ul style="list-style-type: none"><li>▪ Cotiviti Acceptable Use Policy Acknowledgement</li><li>▪ Cotiviti Code of Business Conduct and Ethics Acknowledgement and Certification</li></ul></li></ul>	
18-04-2023	<ul style="list-style-type: none"><li>• Was assigned a mentor Mr Binod Raj Pathak</li><li>• Meeting with mentor and team about my tasks and assigned with tasks related to Java</li><li>• Appealed to join Python team</li><li>• Completed two Compliance Training courses:<ul style="list-style-type: none"><li>▪ CMS Combating Medicare Parts C and D Fraud, Waste, and Abuse Training and Exam</li><li>▪ General Compliance Training and Exam</li></ul></li></ul>	
19-04-2023	<ul style="list-style-type: none"><li>• Was assigned to a Python team led by Mr Nishchal Shrestha</li><li>• Was assigned a mentor Mrs Tara Manandhar</li></ul>	

	<ul style="list-style-type: none"> <li>Completed three Compliance Training Courses: <ul style="list-style-type: none"> <li>Cotiviti Code of Business Conduct and Ethics Training</li> <li>Cotiviti Conflict of Interest Disclosure</li> <li>Cotiviti Conflict of Interest Training</li> </ul> </li> <li>Meeting with Mrs Tara Manandhar,</li> <li>Was assigned to learn Python basics and provided with 10 modules for that purpose,</li> <li>Installed Python, VS Code and Git through Cotiviti Service Desk.</li> </ul>	
20-04-2023	<ul style="list-style-type: none"> <li>Got to know about the practices and technology stack (DRF, direct SQL query instead of ORM, Docker) used in the Python team I was assigned to</li> <li>Got the demo of agile methodology</li> <li>Completed three Compliance Training Courses: <ul style="list-style-type: none"> <li>Cotiviti HIPAA Privacy, Security and Breach Notification Training and Exam</li> <li>Cotiviti Information Governance Training</li> <li>Cotiviti Information Security Awareness Training</li> </ul> </li> <li>Was reassigned a mentor Mr Asim Mahat in the same team at the end of the day.</li> </ul>	
21-04-2023	<ul style="list-style-type: none"> <li>Meeting with new mentor Mr Asim Mahat</li> <li>Assigned to choose a project for completion during my internship</li> <li>Discussed with my mentor, friends, seniors and university teachers on what kind of project to choose</li> <li>Inclined to choose medical data visualization using ReactJS in the frontend, DRF, PostgreSQL in the</li> </ul>	

	<p>backend, plain SQL instead of Django ORM and Docker with major focus on the backend, further brainstorming was needed</p> <ul style="list-style-type: none"> <li>• Read Cotiviti Nepal Employee Handbook and completed the Cotiviti Employee Handbook acknowledgement.</li> </ul>	
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Mentor's comments on the student's performance (Weekly):

She completed all the compliance training courses on time. She has good communication skills.

	
<p>-----</p> <p>Mentor's Signature</p> <p>Name: Asim Mahat</p> <p>Date: 21-04-2023</p>	<p>-----</p> <p>Student's Signature</p>

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: II

Month: I

Date	Activity	Remarks
24-04-2023	<ul style="list-style-type: none"><li>Completed the following Python Basics modules in Jupyter notebook: Module 1: Introduction and Installation<ul style="list-style-type: none"><li>Python 2 vs Python 3</li><li>Python vs other languages</li><li>Installing python and your first python program</li><li>How python runs</li></ul></li><li>Module 2: Fundamentals of Python<ul style="list-style-type: none"><li>Interpreter and compilers</li><li>Semantics, Syntax, and Lexing</li><li>Keywords</li><li>Intro to REPL</li><li>Virtual Environments in python</li></ul></li></ul>	
25-04-2023	<ul style="list-style-type: none"><li>Installed Docker, PostgreSQL, and WSL through Cotiviti Service Desk</li><li>Completed the following Python Basics modules in Jupyter notebook: Module 3: Literals, Variables and Operators</li></ul>	

	<ul style="list-style-type: none"> <li>▪ Operators (Numeric operator, floating point accuracy, Unary and Bitwise Operators, Boolean operators comparison operators, Operator Priority)</li> <li>▪ Comments</li> <li>▪ Strings and its operators</li> <li>▪ Booleans and numbers (Integers, floats, scientific notations)</li> </ul> <p>Module 4: Input/Output Operations</p> <ul style="list-style-type: none"> <li>▪ Typecasting</li> <li>▪ Input function</li> <li>▪ Print function</li> <li>▪ User Input from within python and through command line</li> </ul> <ul style="list-style-type: none"> <li>● Solved related coding problems for better practice</li> <li>● Code review by Mr Asim Mahat, was suggested to explore Console logging in python</li> </ul>	
26-04-2023	<ul style="list-style-type: none"> <li>● Team meeting with Mrs Tara Manandhar and Mr Asim Mahat</li> <li>● Completed the following Python Basics modules: Module 5: Data Types <ul style="list-style-type: none"> <li>▪ Strings, string function, methods and slicing</li> <li>▪ Introduction to List</li> <li>▪ List Functions and Methods</li> <li>▪ Nested List</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>▪ Intro to tuples and dictionaries</li> <li>● Solved related coding problems for better practice</li> </ul>	
27-04-2023	<ul style="list-style-type: none"> <li>● Explored Console logging in python</li> <li>● Completed the following Python Basics modules: Module 5: Data Types <ul style="list-style-type: none"> <li>▪ Dictionary Methods</li> <li>▪ Sets and Set Methods</li> </ul> </li> </ul>	
28-04-2023	<ul style="list-style-type: none"> <li>● Completed the following Python Basics modules: Module 6: Python Flow Control <ul style="list-style-type: none"> <li>▪ If else and elif</li> <li>▪ Pass and range keyword</li> <li>▪ While and for loop and else</li> <li>▪ Nesting Loops and Conditionals</li> <li>▪ Break and continue</li> <li>▪ List comprehension</li> </ul> </li> <li>● Solved related coding problems for better practice</li> </ul>	

Mentor's comments on the student's performance (Weekly):

She explored all the list and dictionary methods in which I was really impressed. She also solved problems for the practice of related topics. She learns everything in detail which is a good quality.



Mentor's Signature

Name: Asim Mahat

Date: 28-04-2023



Student's Signature



**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: III

Month: I



Date	Activity	Remarks
01-05-2023	Holiday for Labor's Day	
02-05-2023	<ul style="list-style-type: none"><li>Completed the following Python Basics modules: Module 7: Introduction to Functions<ul style="list-style-type: none"><li>Creating Functions</li><li>Parameters and Arguments</li><li>Recursion</li><li>Anonymous Function, lambdas</li><li>Global, local and non-local</li><li>Scopes</li><li>Shadowing (Hiding Names)</li></ul></li><li>Meeting with Mr Asim Mahat to show my progress</li></ul>	
03-05-2023	<ul style="list-style-type: none"><li>Completed the following Python Basics modules: Module 8: File Handling, Exception Handling<ul style="list-style-type: none"><li>Reading and writing to Files</li><li>Context Managers</li><li>Python Exception</li></ul></li></ul>	

	<ul style="list-style-type: none"> <li>▪ Exception Handling</li> <li>● Was assigned Python Advanced Concepts Modules</li> </ul>	
04-05-2023	<ul style="list-style-type: none"> <li>● Completed the following Python Basics modules: Module 10: Basic Introduction to Classes and Objects <ul style="list-style-type: none"> <li>▪ Object Oriented Programming</li> <li>▪ Python Class</li> <li>▪ Python Inheritance</li> <li>▪ Super keyword</li> </ul> </li> </ul>	
05-05-2023	<ul style="list-style-type: none"> <li>● Completed a course on Cotiviti Global Workplace Harassment Employee</li> <li>● Completed the following Python Basics modules: Module 9: Modules and Packages <ul style="list-style-type: none"> <li>▪ Modules Python Class</li> <li>▪ Variants of modules</li> <li>▪ <code>__name__</code></li> <li>▪ Packages in Python</li> </ul> </li> <li>● Completed following Python Advanced Concepts modules: Module 12: Comprehensions <ul style="list-style-type: none"> <li>▪ List Comprehension</li> <li>▪ Set Comprehension</li> <li>▪ Dictionary Comprehension</li> <li>▪ Generator Comprehension</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>▪ Nested Comprehension</li> </ul>	
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Mentor's comments on the student's performance (Weekly):

She explored comprehensions and other things and practiced them thoroughly. She is always available during office hours. She explored console logging that I suggested. She takes my feedback and works on them.

	
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**Kathmandu University**  
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Week: IV

Month: I

Date	Activity	Remarks
08-05-2023	<ul style="list-style-type: none"><li>Completed following Python Advanced Concepts modules: Module 11: Iterators and Generators<ul style="list-style-type: none"><li>Iterators</li><li>Yield Keyword</li><li>Generators</li><li>Generators use cases</li></ul></li><li>Module 13: Decorators<ul style="list-style-type: none"><li>Higher Order Function</li><li>Introduction to decorators</li><li>Decorators with arguments</li><li>Function Decorators and Class decorators</li></ul></li><li>Meeting with Mr Asim Mahat to show my progress</li></ul>	
09-05-2023	<ul style="list-style-type: none"><li>HR Induction Meeting</li><li>Completed the following Python Advanced Concepts modules: Module 14: Object Oriented Programming<ul style="list-style-type: none"><li>OOP Concepts: Inheritance, Encapsulation, Polymorphism, Abstraction</li></ul></li></ul>	

	<ul style="list-style-type: none"> <li>▪ Class Attributes and methods Instances</li> <li>▪ Inheritance: Overloading and Overriding, Single and multiple Inheritance</li> <li>▪ <code>init__</code>, <code>__str__</code> methods</li> <li>▪ Mixins</li> <li>▪ Name Mangling</li> <li>▪ Introspections</li> <li>▪ Abstract Class vs method overloading</li> <li>▪ Composition vs inheritance</li> </ul> <p>Module 15: Exception Handling</p> <ul style="list-style-type: none"> <li>▪ Exception Handling</li> <li>▪ Creating And serving Exception</li> <li>▪ User Defined Exceptions</li> <li>▪ Raising exceptions</li> </ul>	
10-05-2023	<ul style="list-style-type: none"> <li>● Completed the following Python Advanced Concepts modules: Module 16: Accessing Database with python</li> <li>▪ Relational Database</li> <li>▪ CRUD Application with Postgres (or MySQL)</li> </ul>	
11-05-2023	<ul style="list-style-type: none"> <li>● Completed the following Python Advanced Concepts modules: Module 17: Introduction to Django</li> </ul>	

	<ul style="list-style-type: none"> <li>▪ What is Django</li> <li>▪ The MVT Pattern</li> <li>▪ Setting up Django and Django Files</li> <li>▪ Crud with Django</li> </ul>	
12-05-2023	<ul style="list-style-type: none"> <li>● Completed the following Python Advanced Concepts modules: Module 18: PEP and some design Patterns               <ul style="list-style-type: none"> <li>▪ Introduction to PEP</li> <li>▪ PEP 8, 20,257</li> <li>▪ Some other important PEPs</li> <li>▪ Object-oriented design principles and the concept of design patterns</li> <li>▪ Some Design Patterns (Single Ton, Factory, Façade, Proxy, Observer, Command, etc)</li> </ul> </li> </ul>	

Mentor's comments on the student's performance (Weekly):

She has good knowledge of object-oriented programming. She has good presentation skills. She explored other topics like PEP-8, Django, etc thoroughly.



Mentor's Signature

Name: Asim Mahat

Date: 12-05-2023



Student's Signature

**Kathmandu University**  
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**Student's name: Pranima Kansakar**

Week: I

Month: II



Date	Activity	Remarks
15-05-2023	<ul style="list-style-type: none"><li>• Was assigned a project called Synchron</li><li>• Installed Nodejs</li><li>• Went through project requirements</li></ul>	
16-05-2023	Leave for Internship Evaluation	
17-05-2023	<ul style="list-style-type: none"><li>• Team meeting to discuss and clarify project requirements</li><li>• Project setup in work laptop using Django and Django REST Framework</li></ul>	
18-05-2023	<ul style="list-style-type: none"><li>• Attended Database Session from Mr Keshab Maharjan and did revision of basic SQL queries and practiced them in Oracle Live SQL</li><li>• Learnt and revised ReactJS topics like Functional and Class components, State and Props</li></ul>	
19-05-2023	<ul style="list-style-type: none"><li>• Attended Database session and<ul style="list-style-type: none"><li>▪ learnt about PL/SQL statements, variables, procedures</li><li>▪ Completed task of separating name and domain name from email using PL/SQL using procedure</li></ul></li></ul>	



	<ul style="list-style-type: none"> <li>Completed task of creating tables and inserting data to those tables</li> <li>Learnt ReactJS topics like event handling, passing methods as props and conditional rendering</li> </ul>	
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Mentor's comments on the student's performance (Weekly):

She is attentive and a good listener. She readily asks questions about things she hasn't understood.

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**Kathmandu University**  
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Week: II

Month: II



Date	Activity	Remarks
22-05-2023	<ul style="list-style-type: none"><li>● Database session cancelled</li><li>● Designed database for project synchron based on the requirements provided in the previous week</li></ul>	
23-05-2023	<ul style="list-style-type: none"><li>● Attended US Healthcare session by Mrs Rina Shrestha and learnt about the following:<ul style="list-style-type: none"><li>▪ Reason for US healthcare complexty</li><li>▪ Method how patient gets the medical facilities/treatment in US Healthcare System</li><li>▪ Major players of the US healthcare market involved in providing the medical as well as financial(insurance) services</li><li>▪ Insurance Plans: HMO and PPO</li></ul></li><li>● Attended Database session Day 3 and learnt about inserting multiple rows into table using dual, functions, NULL, COMMIT, etc</li><li>● Attended OOP Session using C# by Mr Avash Tuladhar and Mr Nitesh Shrestha, and learnt about the following:<ul style="list-style-type: none"><li>▪ C# features and C# basic syntax, variables, operators, comments, logical expressions, loops, etc</li></ul></li></ul>	

	<ul style="list-style-type: none"> <li>Completed assignment to write a C# program to deposit, withdraw, and check balance for practice.</li> </ul>	
24-05-2023	<ul style="list-style-type: none"> <li>Attended US Healthcare session and learnt about the following: <ul style="list-style-type: none"> <li>Private Health Insurance</li> <li>Medicare</li> <li>Medicaid</li> </ul> </li> <li>Attended Database Session and learnt about NULL, NVL function, UPDATE and DELETE queries</li> <li>Attended OOP Session using C# and <ul style="list-style-type: none"> <li>Learnt about scopes, string, in-built functions in C#, functions, and for practice, completed assignment of writing a C# program that calculates age based on user-input date of birth.</li> <li>Learnt about collections such as arrays, lists, dictionaries, stacks and queues</li> <li>Learnt about OOP building blocks like classes, objects, methods and attributes, and OOP concepts like inheritance, encapsulation, abstraction and polymorphism</li> </ul> </li> </ul>	
25-05-2023	<ul style="list-style-type: none"> <li>US Healthcare session cancelled</li> <li>Attended Database session and learnt about the keywords in PL/SQL like IN, BETWEEN, GROUP BY, ORDER BY, HAVING, DISTINCT, COUNT, EXISTS, NOT EXISTS, JOIN, TO_DATE, etc and nested queries</li> <li>Attended OOP session using C# and</li> </ul>	

	<ul style="list-style-type: none"> <li>▪ Learnt about interfaces by building a file storing system with methods like Read() and Save()</li> <li>▪ Learnt about exception handling</li> <li>▪ Was assigned to develop a class design for Student Information System by May 29, and to make a presentation on the topics Const and Readonly by May 30</li> </ul>	
26-05-2023	<ul style="list-style-type: none"> <li>• US Healthcare session cancelled</li> <li>• Attended OOP session and practiced generics comprehensively by building a wallet that can hold objects of any value type using a generic class with a private list and two methods Add() and Remove()</li> </ul>	

Mentor's comments on the student's performance (Weekly):

She is punctual with the tasks assigned to her, and she regularly attends all the training provided by the company and is developing new technical skills.

	
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**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: III

Month: II



Date	Activity	Remarks
29-05-2023	<ul style="list-style-type: none"><li>● Attended US Healthcare session and learnt about the following:<ul style="list-style-type: none"><li>▪ Professional claims and Facility claims</li><li>▪ Billing forms CMS-1500 and UB-04</li><li>▪ Medical claim flow process</li></ul></li><li>● Database Session cancelled</li><li>● Attended OOP Session using C# and<ul style="list-style-type: none"><li>▪ Presented my code of class design for a student information system with multiple classes, inheritance, attributes, methods, etc. Got positive feedback from my tutor Mr Avash Tuladhar about the comprehensiveness of my code</li><li>▪ Viewed and learnt from the code demo of my colleagues for different projects like Hotel Reservation, MCQ, Travel Planner and so on which were amazing.</li></ul></li></ul>	
30-05-2023	<ul style="list-style-type: none"><li>● US Healthcare session cancelled</li><li>● Attended Database Session and learnt about Row level and Statement level triggers</li><li>● Attended OOP Session using C# and</li></ul>	

	<ul style="list-style-type: none"> <li>▪ Presented on the topics const and readonly in c#</li> <li>▪ Viewed and learnt from the presentation of my colleagues about topics such as Multi dimensional /Zagged array, Nullables, Delegates, IQueryable, Structs, Value vs Reference Types, Coding Standards, which were very informative</li> </ul>	
31-05-2023	<ul style="list-style-type: none"> <li>● Attended the last US Healthcare session and learnt about the following: <ul style="list-style-type: none"> <li>▪ Procedure codes, Diagnosis codes, Place of services and Drug codes (NDC)</li> <li>▪ Branded vs Generic drugs</li> <li>▪ Mail Order Indicator</li> <li>▪ Formulary vs Non Formulary drugs</li> </ul> </li> <li>● Attended Database session and <ul style="list-style-type: none"> <li>▪ Learnt and practiced triggers</li> <li>▪ Completed assignment on row level trigger that stores old salary and new salary of the employees in the sal_hist table when salary of employees is incremented in the emp1 table</li> <li>▪ Completed assignment on</li> </ul> </li> <li>● Attended OOP Session using C# and <ul style="list-style-type: none"> <li>▪ Viewed and learnt from the presentation of my colleagues about topics such as Ref and Out Keyword, Static Class, JSON Serializer, Multiple Inheritance, Race condition (related to threads), IEnumerable and enum, which were very informative</li> </ul> </li> </ul>	

01-06-2023	<ul style="list-style-type: none"> <li>● Attended Database session and learnt about cursor in PL/SQL and revised about triggers</li> <li>● Attended OOP session using C# and learnt about threads and tasks in C#</li> </ul>	
02-06-2023	<ul style="list-style-type: none"> <li>● Attended Database session and learnt about the following: <ul style="list-style-type: none"> <li>▪ Meta data tables in Oracle such as USER_, DBA_, ALL_, etc</li> <li>▪ Dynamic queries</li> </ul> </li> <li>● Attended OOP session using C# and learnt about creating web application using dot net framework</li> </ul>	

Mentor's comments on the student's performance (Weekly):

She has good knowledge of US Healthcare which can be reflected through her submitted assignments. She is attentive in classes and she tries to implement what she learns in those classes.

	
<p>-----</p> <p>Mentor's Signature</p> <p>Name: Asim Mahat</p> <p>Date: 02-06-2023</p>	<p>-----</p> <p>Student's Signature</p>

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: IV

Month: II



Date	Activity	Remarks
05-06-2023	<ul style="list-style-type: none"><li>● Attended Database session and<ul style="list-style-type: none"><li>▪ Learnt about package and views in PL/SQL</li><li>▪ Completed assignment of building a package to separate name and domain name from given email address</li></ul></li><li>● Attended OOP session and learnt about Blazor application in Visual studio</li><li>● Created models and serializers for project synchron based on ER diagram I designed earlier, added dummy data for the project by exploring through DRF documentation and tutorials</li></ul>	
06-06-2023	<ul style="list-style-type: none"><li>● Attended Database session and<ul style="list-style-type: none"><li>▪ Learnt about exception handling techniques in PL/SQL such as null exception, and logging the occurred exceptions</li><li>▪ Completed assignment by debugging the provided code through exception handling</li></ul></li><li>● Created models and serializers for project synchron using DRF, added dummy data for the project by exploring through documentation and tutorials, worked on database constraints</li></ul>	



07-06-2023	<ul style="list-style-type: none"> <li>● Attended the last session of Database and <ul style="list-style-type: none"> <li>▪ Learnt data analysis techniques on company's dummy data and tables</li> <li>▪ Was provided with several database advanced concepts to explore further.</li> </ul> </li> <li>● Fixed error related to serializers for demo next day</li> </ul>	
08-06-2023	<ul style="list-style-type: none"> <li>● Mid demo of the main project 'Project synchron' which was reviewed by Mr Asim Mahat and Mrs Tara Tuladhar, was clarified more on the requirements and helpful suggestions were provided</li> <li>● Attended OOP session using C# and learnt about blazor application and MVC (model-view-controller)</li> </ul>	
09-06-2023	Took a leave to go to college for collecting convocation gown	

Mentor's comments on the student's performance (Weekly):

She did well in the mid demo of her project presentation. She has done her project in a systematic way by planning and designing database at first, which is very good. She has good knowledge of database designing according to functional requirements. She has room for improvement in serializing data.

 <hr/> Mentor's Signature Name: Asim Mahat Date: 09-06-2023	 <hr/> Student's Signature
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**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: V

Month: II

Date	Activity	Remarks
12-06-2023	<ul style="list-style-type: none"><li>● Attended OOP session using C# and<ul style="list-style-type: none"><li>▪ Learnt more about blazor and MVC in Visual Studio using dot net framework</li><li>▪ Was assigned a project to create Student Information System using Blazor and MVC using dot net framework to check out understanding on them</li></ul></li><li>● Explored about writable nested serializers and serializer method field in DRF</li></ul>	
13-06-2023	<ul style="list-style-type: none"><li>● Attended OOP session using C# to make queries on the topics we found difficult or confusing which was very fruitful</li><li>● Wrote writable nested serializers for standup cards for project synchron</li></ul>	
14-06-2023	<ul style="list-style-type: none"><li>● Wrote filtered API views according to logged in user and implemented user permissions by allowing read/write access to scrum master and read-only access to scrum members, and access to only team members of the scrum as per project requirements</li></ul>	
15-06-2023	<ul style="list-style-type: none"><li>● Explored and Wrote filtered API views to display standup card by date, by month, by sprint_id, and to</li></ul>	

	display today's and yesterday's standup cards as per requirements	
16-06-2023	<ul style="list-style-type: none"> <li>• Wrote raw SQL queries for API views in DRF for project synchron</li> <li>• Implemented JWT authentication in project synchron</li> </ul>	

Mentor's comments on the student's performance (Weekly):

She has expanded her horizon by taking OOP and database classes, and has a good foundation in programming. She is moving forward with her project in a good way. She has shared her github repository and I can see her hard work there.



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Mentor's Signature

Name: Asim Mahat

Date: 16-06-2023



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Student's Signature

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: I

Month: III

Date	Activity	Remarks
19-06-2023	<ul style="list-style-type: none"><li>Fixed bugs related to creation of standup cards in project synchron using different creation test json data</li></ul>	
20-06-2023	<ul style="list-style-type: none"><li>Tested project synchron for demo, practiced for demo and presentation of the project</li></ul>	
21-06-2023	<ul style="list-style-type: none"><li>Demo of the main project, 'Synchron' using Django Rest Framework, PostgreSQL and JWT Authentication, Got positive feedback from Mr Asim Mahat and Mrs Tara Tuladhar about the project, Suggested to explore more and work on enhancements on the project, implementing frontend for the project and containerizing the project using Docker for further learning</li><li>Worked on Student Information system project by writing models and controllers for classes like students, enrollment, etc</li></ul>	
22-06-2023	<ul style="list-style-type: none"><li>Explored more on controllers for writing APIs for student information system and implemented them</li><li>Explored more on Blazor for writing frontend for student information system and implemented them</li></ul>	
23-06-2023	<ul style="list-style-type: none"><li>Added functionalities and fixed bugs for student information system project using dot net</li></ul>	

Mentor's comments on the student's performance (Weekly):

She presented her project very well this week. I was very impressed with the details of her work like checking test cases for create operation of standup cards. She implemented user-based permissions, and also implemented filters for search query. She has successfully completed her project by satisfying all the requirements presented to her. I suggest her to enhance her project by implementing frontend and learning docker.



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Mentor's Signature

Name: Asim Mahat

Date: 23-06-2023



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Student's Signature

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: II

Month: III

Date	Activity	Remarks
26-06-2023	<ul style="list-style-type: none"><li>• Demo of the C# project 'Student Information System' using Dotnet framework, got positive feedback from Mr Avash Tuladhar</li></ul>	
27-06-2023	<ul style="list-style-type: none"><li>• Started learning Docker, explored Docker concept, need for containerization, difference between Docker and Virtual Machine, docker images and containers, docker hub, etc</li></ul>	
28-06-2023	<ul style="list-style-type: none"><li>• Explored and learnt by practicing basic docker commands such as pulling image from docker hub, running, starting, stopping containers, listing containers and images, port binding, naming container, running container in detached mode, logging, and many more</li></ul>	
29-06-2023	<ul style="list-style-type: none"><li>• Explored basic docker workflow by containerizing simple MongoDB project in two ways<ul style="list-style-type: none"><li>▪ By creating network of two containers, Mongo DB and Mongo Express</li><li>▪ By using docker compose command on yaml file</li></ul></li></ul>	
30-06-2023	<ul style="list-style-type: none"><li>• Explored on what a Dockerfile is, learnt to create a Dockerfile and built a docker image with it, implemented</li></ul>	

	it on project synchron for better understanding and practice	
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Mentor's comments on the student's performance (Weekly):

<p>She is doing great with other project of student information system. She took my feedback and is learning docker.</p>
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**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: III

Month: III

Date	Activity	Remarks
03-07-2023	Holiday for Well being day in US	
04-07-2023	<ul style="list-style-type: none"><li>Learnt about use of Docker volumes to persist data in Docker, explored about different types of Docker volumes such as named, anonymous, host</li></ul>	
05-07-2023	<ul style="list-style-type: none"><li>Continued exploring and learning ReactJS and got to know about form handling in ReactJS, list rendering, lists and keys, useState hook</li></ul>	
06-07-2023	<ul style="list-style-type: none"><li>Learnt about useEffect hook, component lifecycle methods, higher order components</li></ul>	
07-07-2023	<ul style="list-style-type: none"><li>Learnt about useContext hook and useReducer hook and practiced them</li></ul>	



Mentor's comments on the student's performance (Weekly):

She took my advice on doing the frontend for her project and is learning ReactJS. She is a fast and enthusiastic learner.



Mentor's Signature

Name: Asim Mahat

Date: 07-07-2023



Student's Signature

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Week: IV

Month: III

Date	Activity	Remarks
10-07-2023	<ul style="list-style-type: none"><li>Designed frontend layout for project synchron and wrote html, css files for the page that displays standup cards for today and yesterday</li></ul>	
11-07-2023	<ul style="list-style-type: none"><li>Planned on how to structure my react components for the standup cards display pages and built components using a sample state of standup cards</li></ul>	
12-07-2023	<ul style="list-style-type: none"><li>Implemented event handling and form handling to take input of updates on standup cards from scrum master</li></ul>	
13-07-2023	<ul style="list-style-type: none"><li>Implemented api calls for standup cards from the DRF backend api endpoints with useEffect hook, and made necessary changes on the code</li></ul>	
14-07-2023	<ul style="list-style-type: none"><li>Fixed bugs related to state management</li></ul>	

Mentor's comments on the student's performance (Weekly):

She enhanced her project by implementing frontend. I am very impressed by her detail-orientedness, hard work, consistency and positive spirit to take on challenges.



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Mentor's Signature

Name: Asim Mahat

Date: 14-07-2023



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Student's Signature

**Kathmandu University**  
**Department of Computer Science and Engineering**

**Student's name: Pranima Kansakar**

Student's comments regarding the institution and the assigned tasks:

During my internship at Cotiviti Nepal, I had a positive experience with the company's work culture. The employees were welcoming, supportive, and created a fun atmosphere. As the company works with medical data, privacy and security were given utmost importance. The technical team was readily available during office hours to assist with any queries or challenges. Initially, I was assigned tasks to familiarize myself with the company's ethics and policies, which proved helpful as a newcomer to the industry. Subsequently, I explored Python basics and advanced concepts as suggested by my mentor, followed by the opportunity to work on a web development project using Django Rest Framework, PostgreSQL, and ReactJS. The provided learning modules were comprehensive and covered essential topics, and the hands-on experience with the project was highly educational. I greatly appreciated the valuable feedback provided by my mentor, which was both helpful and motivating. Although interns were not eligible to work on real projects, I remained curious about them. Additionally, I attended informative training sessions on US Healthcare, databases, and object-oriented programming, which further expanded my knowledge. Overall, my internship at Cotiviti Nepal was a rewarding experience that allowed me to learn and grow personally and professionally in a supportive environment.