

Poornima University, Jaipur
B.Tech C.E. [CT&IS] 2017-21
Project allocation by Celebal Technologies

Sl.	Project Name	Description	Skills Required	Team	Team Leads
1	Cement Company Data Model	<p>(Attachment in the mail) You need to prepare the dashboards as per the requirements of "RICH-BOSS Cement". Reports must have these visuals</p> <p>Calculate the variation in manufacturing of cement plant wise and on the basis of the fiscal year. Quantity should be in tons.</p> <p>Show the visuals which give the target and target achieved in a particular year the manufacturing of cement.</p> <p>The number of delivery and number of orders received Plantwise and month-wise.</p> <p>Total Quantity Sold to date, total delivery of cement last month, total delivery last year, average delivery per day.</p> <p>Total budget and production region wise.</p> <p>Calculation against delivery of the cement on a yearly basis and plant wise.</p>	Power BI	Power BI	Pulkit Pareek
2	Employees Task Management System	<p>In this project, you'll create a Web-App based Employee Task Assignment management.</p> <p>This is a very common problem in companies that an employee already working on an assigned task and another mentor or boss going to assign him a new task, S/He might not know that employee's availability and the priority of the task on which employee already working. In that scenario, there will be lots of communication going around to assign the task, due to which task going to be a delay.</p> <p>To resolve these issues and make employee availability transparent, we need to make a system in which mentors can assign tasks to the employee and other mentors can monitor the availability of employees and on that basis, they can assign him/her new task. As well as employee can see all the assign task with priorities.</p> <p>The app should be able to:</p> <p>Store data on new Employee/Trainee/Intern and new Task Assignments</p> <p>Employees can see the availability of other employees, trainees, and interns but trainee and intern will not able to see other availability</p> <p>Employees can assign task with details like task name, task description, assigner, priority, expected hours for completion [can be modified by both assignor and assignee] to other employee's, trainee's or intern's ToDo list</p> <p>If total hours of working for an employee is 8 then task assignor will see the warning about employee does not any bandwidth for assignment date</p> <p>An employee can see his/her task and mark them as InProgress/Done/Submitted.</p>	C#,Python	Paas & Integration	Yash Bhutoria
3	Customer Support Chatbot to answer FAQs and place orders	Creae a chatbot for customer support to answer frequently ask question and order any product example laptop, mobile etc	python(to make classifier), angular, mongodb,nodejs	Chatbot	Rohan Saini
4	Forum like Quora	Based on likes sort the answers, option of anonymous and time span of any question i.e., question will be expired in 3 days or 10 days but one can check the answers later.	HTML, CSS, Javascript, JQuery, Angular/React (additional)	Web Dev	Deepak Sogani
		Task1. Display ratio of cost of job family in percentage by India and international (refer simulation data).			

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5	Ratio of Cost of Job	Task 2. Find ratio of cost and revenue of a BU month on month. Task 3. Show headcounts of sub band and percentage of headcount (without join, subquery and inner query). Task 4. Find top 5 employees according to salary (without order by). Task 5. Swap value of two columns in a table without using third variable or a table. Task 6. Create a user ,create a login for that user provide permissions of DB_owner to the user. Task 7. Find Weighted average cost of employees month on month in a BU. Task 8. Samantha was tasked with calculating the average monthly salaries for all employees in the EMPLOYEES table, but did not realize her keyboard's 0 key was broken until after completing the calculation. She wants your help finding the difference between her miscalculation (using salaries with any zeroes removed), and the actual average salary. Write a query calculating the amount of error (i.e.: actual – miscalculated average monthly salaries), and round it up to the next integer. Task 9. Copy new data of one table to another(you do not have indicator for new data and old data).	SQL	SQL	Shreyansh Jarged
6	Topic categorization	Identifying the topic of the given paragraph or article by picking up the keywords.	ML	ML	Anurag Sharma
7	Multichannel Marketing Attribution	Link each marketing activity to the corresponding effect on sales to accurately measure marketing ROI and optimize advertising spend.	ML, Power BI	ML	Anurag Sharma
8	Creation of Three Tier Architecture Using Arm Template	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal
9	Creation of Three Tier Architecture Using Terraform	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal
10	Configuration of Point to site VPN	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal
11	Deployment of Application on Azure Web App and Connect it with Database	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal
12	Configuration of Logic App to send Mail when a user post on twitter	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal
13	Configuration of Azure Data factory and create pipelines to take data from Azure Blob and insert it into Azure SQL	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal
14	Configure FTP Server and Apache Server on Virtual Machine using Terraform	Self-descriptive	Cloud- Azure	Cloud	Tushar Mittal