Techfest 20-21
CorpComp

TASK

- Teams will be given 3 options out of which they have to develop an application/software that can work on a network of computers solving ANY ONE of the 3 problems.

LEAD MANAGEMENT SYSTEM

Let's imagine you're working in a company with many sub-divisions. You come in contact with a person who'd like to work with your company but that does not belong to your department. What is expected from you is that you forward this 'lead' to the department it concerns.

This is a long process with chances of mistakes.

Problem: Need for a digital solution to allow Danaher's associates to share business opportunities / leads within Danaher Operating Companies (OpCos).

Deliverable Format: Working prototype website / mobile app with the following features:(OpCo = Operating Company)

a. User must be able to register on the system with Name, OpCo, and Enterprise Email ID as mandatory fields (All are text fields)
b. User must be able to add a "Lead" on the system with the following mandatory text fields
   I. Customer Name
   II. Project / Opportunity details (including $ value of lead)
   III. Segment Details (Pharma, Biopharma, etc)
   IV. Lead Submitted By (enterprise email ID of the person submitting the lead)
   V. Lead Submitted To (enterprise email ID of the person the lead is meant for)
c. When a new lead is submitted, its default status is "Open
d. User can mark a lead assigned to him/her as "Validated" or "Rejected"
e. The same user can mark the lead assigned to him/her as "Closed" (only if it was previously "Validated", otherwise it remains "Rejected")
f. "Leads Submitted" dashboard must display the list of all submitted leads by the current user
g. "Leads Assigned" dashboard must display the list of all leads assigned to the current user

h. "Leads" must be searchable/filterable by status ("Open", "Validated", "Rejected", "Closed")
i. The system must capture the date and timestamp for each status change for the leads
j. The system must allow data export (Excel or CSV) of all leads submitted, validated, rejected, and closed along with the details of who submitted the lead and to whom it was assigned
k. Summary analytics dashboard - number of leads, segment, $ value, leads submitted by users, leads assigned to users, etc.

OR

Title: Knowledge Management Repository

Problem: Need for a digital repository to store documents, photos, and videos and allow ease of access by keywords / topic.

Deliverable Format: Working prototype website / mobile app with the following features:

a. User must be able to register on the system with Name, OpCo, and Enterprise Email ID as mandatory fields (All are text fields)
b. User must be able to create a new folder and give it a unique event name – eg. "Sales Productivity Kaizen"
c. The user-created folder should automatically become a subfolder of the repository's standard folders named as per Year and Month eg. 2019-March
d. User must be allowed to add requisite documents (PPT, Word, Excel, PDF), photos, and event videos to the folder created by them
e. All users have read-only access to all folders created by others
f. Users can edit only those folders which they have themselves created

Title: Order Tracking for Danaher's Customers

Problem: Need for a digital solution to allow customers to track the status of their orders placed with Danaher's Operating Companies (OpCos).

Deliverable Format: Working prototype website / mobile app with the option to integrate it with the current system (specific ERP, SFDC workflows, etc.) following features:

a. User (customer) must be able to register on the system with Name, OpCo (with whom they have placed the order), and Enterprise Email ID (customer's email) as mandatory fields (All are text fields)

b. User must be able to see a dashboard of all orders placed with Danaher's OpCo

c. Each order must have a system-generated unique order ID

d. User must be able to filter the orders by status:
   - Order Confirmed
   - Order in Transit
   - Order Delivered

e. Date and timestamps must be updated for status change for the orders:
   - Date of Confirmation
   - Date of Dispatch
   - Date of Delivery

f. User must be able to select any individual "Order in Transit" and track the live location of the shipment on any open-source map application (can use Google Maps for the prototype)

g. User must be allowed to raise a query / ticket for any order (Confirmed, Transit, Delivered) – the ticket can have a textbox as input

h. Tickets can have status as "Open", "In Progress", "Closed".

i. Order status can be updated by the admin (Danaher associate) in the backend – a separate dashboard must be provided for the admin to update order status

j. Similarly, admin (Danaher associate) can see the list of query / ticket raised for each order and revert to the same via email

Structure

The competition is a one stage competition where you have to submit the finalOK app/software required before the deadline.

Timeline

Registration Deadline	8th March 2021
Final Submission	8th March 2021

REGISTRATION and SUBMISSION -

The Participants have to register on the official Techfest Website and fill all the necessary details: www.techfest.org > Competitions > CorpComp > Register

GENERAL RULES -
1. Every team has to register online on the official Techfest website for the competition.
2. A Team ID will be allocated to the team on registration which shall be used for future references.
3. **The decision of the organizers or judges shall be treated as final and binding on all.**
4. No responsibility will be held by Techfest, IIT Bombay for any late, lost or misdirected entries.
5. **The idea presented by the teams should be original (not protected by means of patent/copyright/technical publication by anyone).**
6. Note that at any point of time the latest information will be that which is on the website. However, registered participants will be informed through mail about any changes.

Intellectual Property rules
1. The intellectual property rights for all submissions (app/website/concept) remain the exclusive property of Danaher India
2. Participants cannot use the same solution for personal or professional use after the Techfest competition.
3. Participants are not permitted to have access to the application/software once it is deployed/implemented at Danaher
4. The winnings teams will have to sign a contract sent by Danaher India to handover complete intellectual rights, licensing rights, commercial rights, and all rights of use of the winning solution/software/app

TEAM SPECIFICATIONS and ELIGIBILITY -

● All students with a valid identity card of their respective educational institutions are eligible to participate in the competition.
● One team can have at most **4 members**.
● Students from different institutes can be a part of the same team.

CERTIFICATE POLICY and PRIZES -

● The Prize money will be awarded to the Top 3 Winners via NEFT and will be processed within 30 working days.
● Top three teams will be awarded Certificate of Excellence.
● E-Certificate of participation will be given to the teams scoring more than the critical marks which will be decided later (top 60% of teams except top 3 teams)
The Winner will have to mail the following information (immediately after the announcement of results) to shubhamgautam@techfest.com

Subject:
CorpComp, team id- your position (example:CorpComp, CC1234 – 1st position)

Body of mail:
1. Account Holder's Name
2. Account Number
3. Bank name and Branch name.
4. IFSC Code