



सत्यमेव जयते

Government of Gujarat

DTE Hackathon 2018

Problem Statements

Directorate of Technical Education,

Block No. 2, 6th Floor,

Karmyogi Bhavan, Sector-10-A

Gandhinagar - 382 010



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Name of the Department	: DTE - Academic
Problem ID	: DTE - 01
Problem Statement	: Institute Placement Details
Challenge Description with Context	<p>: Placement for any institute is very important. It reflects the strength of the institute in terms of employability of the student. Data of the placement from each institute needs to be collected at institute level. This data mainly includes institute name, department name, student details, company details, job description, annual package, off-campus/on-campus and academic year. There is a need to have a digital-interface for all Institutes under DTE to collect above details which will be available to DTE to generate reports.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none">● Institute-Level:<ul style="list-style-type: none">○ view/add/update/delete institute placement data○ Generate various reports (year wise/company wise/branch wise placement records)● DTE-Admin-level:<ul style="list-style-type: none">○ view placement data of various institutes○ different filters to find required data○ Generate various reports (for example: branch-wise placement details across all institutes)
What Exact Problem is being Solved?	: Institute wise placement records will be available to DTE
Users	: Institute, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the placement details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: Placement data will be readily available at institute and DTE level.



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Name of the Department	: DTE - Academic
Problem ID	: DTE - 02
Problem Statement	: Institute Alumni Details
Challenge Description with Context	<p>: Institute alumni reflects the image of the institute. Good alumni relationships bring many benefits to both the institution and the alumni. Creating an engaged, supportive alumni network is crucial to an institution's success. For this alumni data needs to be maintained at institute level.</p> <p>This data mainly includes institute name, department name, alumni details(name, email, address, contact number, etc), profession details, job description, passed out batch, Country, domain of work. There is a need to have a digital-interface for all Institutes under DTE to collect above details which will be available to DTE to generate reports. In addition to that alumni should get login to view/update their profile.</p> <p>Here, basic details(institute/department/student name/enrolment number, etc) will be added (bulk upload) to the digital-interface by the institute and every student will get login to access their alumni profile.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none"> ● Institute-level: <ul style="list-style-type: none"> ○ view/add/update/delete basic student details ○ Generate various reports (year wise/company wise/branch wise/domain wise/country wise alumni details) ● Alumni-level: <ul style="list-style-type: none"> ○ view/add/update/delete in their own profile ○ Search and View details of other alumnis ● DTE-Admin-level: <ul style="list-style-type: none"> ○ view alumni data of various institutes ○ different filters to find required data ○ Generate various reports (year wise/company wise/branch wise/domain wise/country wise alumni details)
What Exact Problem is being Solved?	alumni records will be available to institute and DTE which can be utilized for the benefit of the institute.
Users	: Institute,Alumni, DTE-Admin

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Expected Outcomes	<p>: Institute should be able to add/update the basic details of the students and alumni should be able to update their profile easily from the given interface.</p> <p>Institute and DTE should be able to view and generate various reports from the collected data.</p>
Impact	<p>: Institute alumni data will be readily available at institute and DTE level. In addition to that institute and alumni relationship will become stronger.</p>



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Name of the Department	: DTE - Academic
Problem ID	: DTE - 03
Problem Statement	: Institute Student Enrollment Details
Challenge Description with Context	<p>: Number of students gets enrolled in institute every year. Details of this students needs to be maintained at institute. This details mainly includes institute name, department name, student details (name, enrollment number, gender, address, email ID, contact number, TFW/nonTFW, category, etc) and academic year. There is a need to have a digital-interface for all Institutes under DTE to collect above details which will be available to DTE to generate reports.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none">● Institute-Level:<ul style="list-style-type: none">○ view/add/update/delete institute student enrollment data○ Generate various reports (year wise/branch wise/gender wise)● DTE-Admin-level:<ul style="list-style-type: none">○ view student enrollment data of various institutes○ different filters to find required data○ Generate various reports (year wise/branch wise/gender wise)
What Exact Problem is being Solved?	: Institute wise student enrollment records will be available to DTE
Users	: Institute, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the student enrollment details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: Student enrollment data will be readily available at institute and DTE level.



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Name of the Department	: DTE - Academic
Problem ID	: DTE - 04
Problem Statement	: Student Scholarship Details
Challenge Description with Context	<p>: Students get scholarships from various schemes of the government. Details of this needs to be maintained at institute level and should be made available at DTE level.</p> <p>This details mainly includes institute name, department name, student details, scholarship details and academic year. There is a need to have a digital-interface for all Institutes under DTE to collect above details which will be available to DTE to generate reports.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none"> ● Institute-Level: <ul style="list-style-type: none"> ○ view/add/update/delete student scholarship data ○ Generate various reports (year wise/scheme wise/branch wise) ● DTE-Admin-level: <ul style="list-style-type: none"> ○ Add/update government scheme details to be reflect in institute login ○ view scholarship data of various institutes ○ different filters to find required data ○ Generate various reports (year wise/scheme wise/branch wise)
What Exact Problem is being Solved?	: Institute wise scholarship records will be available to institute and DTE
Users	: Institute, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the scholarship details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: scholarship data will be readily available at institute and DTE level.



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Name of the Department	: DTE - Academic
Problem ID	: DTE - 05
Problem Statement	: Research/Consultancy/Startup/Entrepreneurship Details
Challenge Description with Context	<p>: Faculties and students do Research/Consultancy/Startup/Entrepreneurship related activities. Details of this needs to be maintained at institute level and should be made available at DTE level.</p> <p>This details mainly includes institute name, department name, student details, faculty details, Research/Consultancy/Startup/Entrepreneurship details. There is a need to have a digital-interface for all Institutes under DTE to collect above details which will be available to DTE to generate reports.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none"> ● Institute-Level: <ul style="list-style-type: none"> ○ view/add/update/delete Research/Consultancy/Startup/Entrepreneurship Details ○ Generate various reports ● DTE-Admin-level: <ul style="list-style-type: none"> ○ view Research/Consultancy/Startup/Entrepreneurship Details of various institutes ○ different filters to find required data ○ Generate various reports (year wise/scheme wise/branch wise)
What Exact Problem is being Solved?	: Institute wise Research/Consultancy/Startup/Entrepreneurship records will be available to institute and DTE
Users	: Institute, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the Research/Consultancy/Startup/ Entrepreneurship details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: Research/Consultancy/Startup/ Entrepreneurship Details will be readily available at institute and DTE level.



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Name of the Department	: DTE - Academic
Problem ID	: DTE - 06
Problem Statement	: Institute Time-Table
Challenge Description with Context	<p>: In every semester institute has to make timetable for lecture and labs. Currently the process is manual via excel sheets depending on the number of batches and number of faculties available. It becomes cumbersome many times to build academic time-table.</p> <p>A digital interface for this can be build to construct timetable. It must identify various clashes (timing,class,faculty etc). From the entered data timetable report should be generated (division/class/faculty/department/institute wise).</p> <p>The digital interface for this can have following users:</p> <ul style="list-style-type: none"> • Department: <ul style="list-style-type: none"> ○ Add/update/delete semester, class, batches, subject with their code, faculties, time slots, number of hours, etc ○ Generate timetable report (division/class/faculty/department) ○ View and export timetable ○ View clashes • Institute: <ul style="list-style-type: none"> ○ View and approve/disapprove timetable ○ Filter timetable (division/class/faculty/department/institute wise) • DTE-Admin-Level <ul style="list-style-type: none"> ○ View timetable ○ Filter timetable (division/class/faculty/department/institute wise)
What Exact Problem is being Solved?	Departments will be able to build their timetable and identify the clashes. Division/class/faculty/department/institute wise timetable will be readily available at DTE level.
Users	Department, Institute, DTE-Admin
Expected Outcomes	Department must be able to add/update/delete class, batches, subject with their code, faculties, time slots, number of hours, etc and generate timetable. Different filters should be available at instiute and DTE admin level.
Impact	Time will be saved and timetable will be generated with ease.



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Name of the Department	: DTE - Accounts
Problem ID	: DTE - 07
Problem Statement	: DC Bill
Challenge Description with Context	<p>: Every institute sends Detail Contingency bill to DTE quaterly. (April-June, July-Sept, Oct-Dec, Jan-March). For this an institute has to fill two forms specifying the amount of bill and other details and send it to DTE for verification. In case if any institute have not taken contingency amount then it will specify nil in the forms.</p> <p>Digital interface for this will allow institutes to fill all the details right at their place and submit the form. A clerk at DTE will review it and will do further processing.</p> <ul style="list-style-type: none"> ● Institute-Level: <ul style="list-style-type: none"> ○ view/add/update/delete contingency data ○ Generate the form in the prescribed format ○ Upload the form ● DTE-Admin-level: <ul style="list-style-type: none"> ○ view contingency data of various institutes ○ download forms of different institutes ○ Interface to add attachment and send to institute
What Exact Problem is being Solved?	: Institute wise contingency records will be readily available to DTE
Users	: Institute, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the contingency details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: Contingency data will be readily available at institute and DTE level for planning.
Forms and Performa	: DTE-07_1



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Name of the Department	: DTE - Accounts
Problem ID	: DTE - 08
Problem Statement	: Grant-In-Aid institute Grant Demand Disbursement
Challenge Description with Context	<p>: Every GIA sends details of projected and actual grant demand to DTE quarterly. (April-June, July-Sept, Oct-Dec, Jan-March). In addition to that they also send expense and income details. At the beginning of the year institute sends estimated expense in the prescribed format. At end of each quarter institutes send the expense made during that quarter and estimated expense of next quarter.</p> <p>Digital interface for this will allow institutes to fill all the details right at their place and submit the form. A clerk at DTE will review it and will do further processing.</p> <ul style="list-style-type: none"> ● Institute-Level: <ul style="list-style-type: none"> ○ view/add/update/delete income/expense data ○ Generate the form in the prescribed format ○ Upload the form ● DTE-Admin-level: <ul style="list-style-type: none"> ○ view income/expense data of various institutes ○ download forms of different institutes ○ Interface to add attachment and send to institute
What Exact Problem is being Solved?	: Institute wise contingency records will be readily available to DTE
Users	: Institute, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the contingency details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: Contingency data will be readily available at institute and DTE level for planning.
Forms and Performa	: DTE-08_1 : Yearly format for estimated expense DTE-08_2 : Yearly format for income DTE-08_3 : Quarterly format for actual expense and predicted expense



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Name of the Department	: Establishment
Problem ID	: DTE - 09
Problem Statement	: Inward/Outward Register
Challenge Description with Context	<p>: DTE receives number of applications and it also sends Currently the register is being maintained at both inward and outward level manually. The register can have following fields: srno, date, inward number, Title, Application details, Applicant name, Section name</p> <p>Digital interface to maintain this register can be built which can be helpful for easy recordkeeping purpose and data will be available easily.</p> <ul style="list-style-type: none"> ● DTE Clerk (Inward) login: <ul style="list-style-type: none"> ○ Add/update/delete above details ○ Filter records with different criterias ● DTE Clerk (outward) login: <ul style="list-style-type: none"> ○ Add/update/delete above details ○ Filter records with different criterias
What Exact Problem is being Solved?	: Data will be maintained for long term and recordkeeping will become easier
Users	: Department, Institutes, DTE-clerk/JD/DD
Expected Outcomes	: Clerk must be able to add/update/delete the records and filter them
Impact	: Data will be maintained for long term and recordkeeping will become easier
Forms and Performas	: DTE-09_1



DTE Hackathon 2018



Name of the Department	: Establishment
Problem ID	: DTE - 10
Problem Statement	: Institute Establishment Data
Challenge Description with Context	<p>:</p> <p>Every institute has teaching and non-teaching staff. A common web-interface for all the institute is required to maintain and manage the details of all staff members. This data mainly includes the number of sanctioned posts, filled posts and required posts, # of teaching staff, # of non-teaching staff, etc department wise. In addition to that transfer of employees need to be handled in this digital interface.</p> <p>The digital interface for this can have following users:</p> <ul style="list-style-type: none"> ● Institute level Admin <ul style="list-style-type: none"> ○ Add/update/delete details ○ View details ○ filter them ● DTE level Admin <ul style="list-style-type: none"> ○ View details ○ filter them and generate reports
What Exact Problem is being Solved?	: Institute and discipline-wise employee details will be available readily.
Users	: Institutes, DTE
Expected Outcomes	: Institutes must be able to manage employee details, fill the data and handle transfer cases. DTE should be able to view the details of all the institutes, apply various filter and generate reports.
Impact	: The data will be readily available at institute and DTE level both.
Forms and Performas	:



DTE Hackathon 2018



Name of the Department	: Establishment
Problem ID	: DTE - 11
Problem Statement	: Institute Academic Grade Pay (AGP) movement
Challenge Description with Context	<p>: AGP movement allows faculties under technical education department to put a request to get next higher grade pay in the payband. For this faculties have to fill a form and send it for the approval to higher authorities.</p> <p>Digital interface for this will make faculties to submit their details along with necessary documents for further approval and higher authorities will approve all such requests through the digital interface.</p> <p>Approval stages are in the following order: HOD, Principal, DD, JD, DTE and then CAS committee.</p> <p>The digital interface will have following users:</p> <ul style="list-style-type: none"> ● Faculty: <ul style="list-style-type: none"> ○ Apply for the request ○ upload necessary documents ○ check the status of their request ● HOD/Principal/ DD/JD/DTE/CAS committee members (login at each level) <ul style="list-style-type: none"> ○ view requests ○ approve/disapprove with comments ○ view the list of previously approved and disapproved requests
What Exact Problem is being Solved?	: User will be able to apply for the AGP movement easily and will be able to check the status of his/her application in a transparent manner.
Users	: Faculty/HOD/Principal/ DD/JD/DTE/CAS committee members
Expected Outcomes	<p>: Faculties must be able to apply for their AGP request through this digital platform and should be able to upload necessary documents. In addition to that faculties should be able to check the status of the application.</p> <p>The application must go through various stages for approval in the given order.</p>
Impact	: The processing time will be reduced greatly and transparency will be achieved.

DTE Hackathon 2018



Name of the Department	: Establishment
Problem ID	: DTE - 13
Problem Statement	: Institute Achievement & Best Practices
Challenge Description with Context	<p>: Each Institute do various academic and extra co curricular activities and few of them follow best practices in a specific areas of administration, academics and other. Details of this needs to be maintained at institute level and should be made available at DTE level also can be viewed by other Institutes for reference.</p> <p>This details mainly includes institute name, Name of Achievement and description of Achievement , Name of best practices and description of best practices. There is a need to have a digital-interface for all Institutes under DTE to collect above details which will be available to DTE to generate reports and for other Institutes to view and refer.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none"> ● Institute-Level: <ul style="list-style-type: none"> ○ view/add/update/delete Details of Achievements and best practices. ○ Generate various reports (e.g. from year to To year) ● DTE-Admin-level: <ul style="list-style-type: none"> ○ view Achievements and best practices. ○ different filters to find required data ○ Generate various reports (year wise/Achievement wise/Best Practices wise)
What Exact Problem is being Solved?	: Institute wise Institute Achievement & Best Practices records will be available to institute and DTE
Users	: Institutes, DTE-Admin
Expected Outcomes	: Institute should be able to add/update the Institute Achievement & Best Practices details easily from the given interface and DTE should be able to view and generate various reports from the collected data.
Impact	: Institute Achievement & Best Practices Details will be readily available at institute and DTE level.



DTE Hackathon 2018



Name of the Department	: Establishment
Problem ID	: DTE - 14
Problem Statement	: Annual Assessment report for Probationers
Challenge Description with Context	<p>: Every probationers has to send annual assessment report to DTE during their probation period. This report involves many fields as given in the attachment. This form will be sent to HOD and Principal for further processing which then forwards it to DTE.</p> <p>Digital interface for this can be made in which probationers will submit their annual report online and HOD/Principal can process it through their login and forward it to DTE.</p> <p>The digital interface for this can have following users:</p> <ul style="list-style-type: none"> ● Faculty: <ul style="list-style-type: none"> ○ Add/update/delete/submit the details of annual assessment report ○ can upload necessary documents ○ can forward it to HOD ○ check the status ● HOD/Principal <ul style="list-style-type: none"> ○ View reports ○ filter them ○ comment and approve them ● DTE login (DD/JD) <ul style="list-style-type: none"> ○ View reports ○ filter them ○ comment and approve them ○ generate long-term order after 2nd year annual assessment report
What Exact Problem is being Solved?	: Annual assessment report will be submitted easily,Data will be maintained for long term
Users	: Faculty,Department, Institutes, JD/DD
Expected Outcomes	: Faculty must be able to add/update/delete/submit the report and check the status of it
Impact	: Time will be saved and process will become simpler
Forms and Performas	: DTE-14_1 - Annual Assessment Report DTE-14_2 - Long term order performa

DTE Hackathon 2018



Name of the Department	: Establishment
Problem ID	: DTE - 15
Problem Statement	: Hostel Rector and Warden orders
Challenge Description with Context	<p>: Every year institute nominates 3 names for hostel warden and rector. Out of which one name gets selected by DTE for hostel rector and on or more than one warden name gets selected by DTE depending on the strength of the students.</p> <p>The above digital-interface can have following users:</p> <ul style="list-style-type: none"> ● Institute-Level (Principal Login) : <ul style="list-style-type: none"> ○ view/add Details of warden and rector details ○ Send it to DTE for approval ○ view previous years' orders ● DTE - Clerk: <ul style="list-style-type: none"> ○ view requests ○ Add note and forward ○ Add/update order details ○ Generate order ○ Send order notification to the institute ○ view previous years' orders ● DTE(DD/JD) login: <ul style="list-style-type: none"> ○ View request ○ Select warden and rector for the institute ○ Notify it to clerk ○ Give comments ○ view previous years' orders
What Exact Problem is being Solved?	: Institutes will easily request warden/rector name to DTE for the selection
Users	: Institutes, DTE-clerk/JD/DD
Expected Outcomes	: Institutes should be able to send warden/rector details to DTE easily and the request should go through the hierarchy(clerk/DD/JD).
Impact	: Process will become faster and smoother



DTE Hackathon 2018



Name of the Department	: Establishment
Problem ID	: DTE - 16
Problem Statement	: Vacation Detention
Challenge Description with Context	<p>: For each vacation in the academic year every institute sends the list of faculties who have worked at institute on various tasks during their vacation period. Every institute sends the detention list to DTE for the approval and further process.</p> <p>A digital interface for this can be made for the above process which can have following users:</p> <ul style="list-style-type: none"> • Department Level (HOD login): <ul style="list-style-type: none"> ○ view/add/update the details (faculty details, detention dates, detention days, vacation days, total days and reason for detention in the attachment) • Institute-Level (Principal Login) : <ul style="list-style-type: none"> ○ view the details and forward it for approval • DTE - Clerk: <ul style="list-style-type: none"> ○ view requests ○ Add note and forward ○ Add/update order details ○ Generate order ○ Send order notification to the institute ○ view previous years' orders • DTE(DD/JD) login: <ul style="list-style-type: none"> ○ View request ○ Approve/Disapprove requests ○ Give comments ○ view previous years' records
What Exact Problem is being Solved?	: Dept./Institutes will easily request vacation detention to DTE for the approval
Users	: Department, Institutes, DTE-clerk/JD/DD
Expected Outcomes	: Dept./Institutes should be able to send vacation detention details to DTE easily and the request should go through the hierarchy(clerk/DD/JD).
Impact	: Process will become faster and smoother
Forms and Performas:	: DTE-16_1



DTE Hackathon 2018



Name of the Department	: DTE - Legal
Problem ID	: DTE - 17
Problem Statement	: Institute Legal Matter Details
Challenge Description with Context	<p>: DTE has legal department to manage details of the court cases. To maintain all details legal department maintains 3 different forms. One form Second form contains the details of the pending cases segregated by high court, supreme court, tribunal court. Third form contains the details of the completed cases.</p> <p>A digital interface for this can be build which will help the user to manage all these details and extract the required data immediately.</p> <ul style="list-style-type: none"> ● DTE-Admin-level: <ul style="list-style-type: none"> ○ Add/update/delete case related details ○ Export the details in various formats(pdf, csv, xls) ○ Filter the data ○ upload/download case related documents
What Exact Problem is being Solved?	: Case detail records will be readily available to DTE
Users	: DTE-Admin
Expected Outcomes	: DTE admin should be able to Add/update/delete case related details and export the details in various formats(pdf, csv, xls)
Impact	: Case details related records will be readily available to DTE and it will be easily managed and extracted
Forms and Performa	: DTE-017_1 DTE-017_2 DTE-017_3



DTE Hackathon 2018



Name of the Department	: DTE - Purchase and Planning
Problem ID	: DTE - 18
Problem Statement	: Institute Grant & Expenditure Details
Challenge Description with Context	<p>: DTE gives grant to every institute every year. Every institute is required to send the usage of this grant quarterly to DTE in the prescribed format.(April-June, July-Sept, Oct-Dec, Jan-March).</p> <p>A digital interface for this can be build to manage this data and generate reports from the gathered data.</p> <ul style="list-style-type: none"> ● Institute level Admin: <ul style="list-style-type: none"> ○ Add/update/delete expenditure data under appropriate heads ○ Lock the data ○ Filter data and Generate reports ● DTE-Admin-level: <ul style="list-style-type: none"> ○ Add/update/delete grant related details ○ Export the details in various formats(pdf, csv, xls) ○ Filter data and Generate reports
What Exact Problem is being Solved?	: Expenditure and grant related records across all institutes will be readily available to DTE
Users	: Institute level admin, DTE-Admin
Expected Outcomes	<p>: Institute admin should be able to Add/update/delete expenditure data under appropriate heads and generate reports.</p> <p>DTE admin should be able to Add/update/delete grant related details and export the details in various formats(pdf, csv, xls)</p>
Impact	: Grant and expenditure details related records will be readily available to DTE and institute and it will be easily managed and extracted
Forms and Performa	: DTE-018_1 DTE-018_2



DTE Hackathon 2018



Name of the Department	: DTE - Purchase and Planning
Problem ID	: DTE - 19
Problem Statement	: Institute Level Planning
Challenge Description with Context	<p>:</p> <p>Each department in each institute has to provide planning for purchase of items which costs more than 20k. This details mainly includes various fields as given in the forms and performs DTE-21_01.</p> <p>A digital interface of this can be developed, so that these details can be filled by the institute and will be retrieved at DTE.</p> <ul style="list-style-type: none"> ● Institute level Admin: <ul style="list-style-type: none"> ○ Add/update/delete data ○ View data ○ Filter data and Generate reports ● DTE-Admin-level: <ul style="list-style-type: none"> ○ View the details entered by all institutes ○ Filter data and Generate reports
What Exact Problem is being Solved?	: Purchase planning related records across all institutes will be readily available to DTE
Users	: Institute level admin, DTE-Admin
Expected Outcomes	<p>: Institute admin should be able to Add/update/delete purchase and planning related data and view it.</p> <p>DTE admin should be able to view the data, filter it and generate reports.</p>
Impact	: Purchase planning related records across all institutes will be readily available to DTE
Forms and Performa	: DTE-19_1



DTE Hackathon 2018



Name of the Department	: DTE - Purchase and Planning
Problem ID	: DTE - 21
Problem Statement	: Institute Inventory Details
Challenge Description with Context	<p>: Institute has to maintain and send details of the inventory it has purchased every year to DTE. This details mainly includes Institute name, department name, year of purchase, name of supplier, amount, grant type, etc. The inventory can be classified mainly into Equipment, furniture and computer/IT items.</p> <p>A digital interface of this can be developed, so that these details can be filled by the institute and will be retrieved at DTE.</p> <ul style="list-style-type: none"> ● Institute level Admin: <ul style="list-style-type: none"> ○ Add/update/delete inventory data ○ View data ○ Filter data and Generate reports ● DTE-Admin-level: <ul style="list-style-type: none"> ○ View the details entered by all institutes ○ Filter data and Generate reports
What Exact Problem is being Solved?	: Inventory purchase related records across all institutes will be readily available to DTE
Users	: Institute level admin, DTE-Admin
Expected Outcomes	<p>: Institute admin should be able to Add/update/delete inventory data and view it.</p> <p>DTE admin should be able to view the data, filter it and generate reports.</p>
Impact	: Inventory purchase related records across all institutes will be readily available to DTE
Forms and Performa	: DTE-21_01



DTE Hackathon 2018



Name of the Department	: DTE - Purchase and Planning
Problem ID	: DTE - 22
Problem Statement	: Institute Library Details
Challenge Description with Context	<p>: Institute has to send details of the books it wants to purchase before the commencement of the academic term every year. This details mainly includes book-name, author-name, ISBN number, Publisher, Year of publishing, Amount, quantity, etc.</p> <p>A digital interface of this can be developed, so that these details can be filled by the institute and will be retrieved at DTE.</p> <ul style="list-style-type: none"> ● Institute level Admin: <ul style="list-style-type: none"> ○ Add/update/delete library books data ○ View data ○ Filter data and Generate reports ● DTE-Admin-level: <ul style="list-style-type: none"> ○ View the details entered by all institutes ○ Filter data and Generate reports
What Exact Problem is being Solved?	: Library books purchase related records across all institutes will be readily available to DTE
Users	: Institute level admin, DTE-Admin
Expected Outcomes	<p>: Institute admin should be able to Add/update/delete library books data and view it.</p> <p>DTE admin should be able to view the data, filter it and generate reports.</p>
Impact	: Library books purchase related records across all institutes will be readily available to DTE
Forms and Performa	: