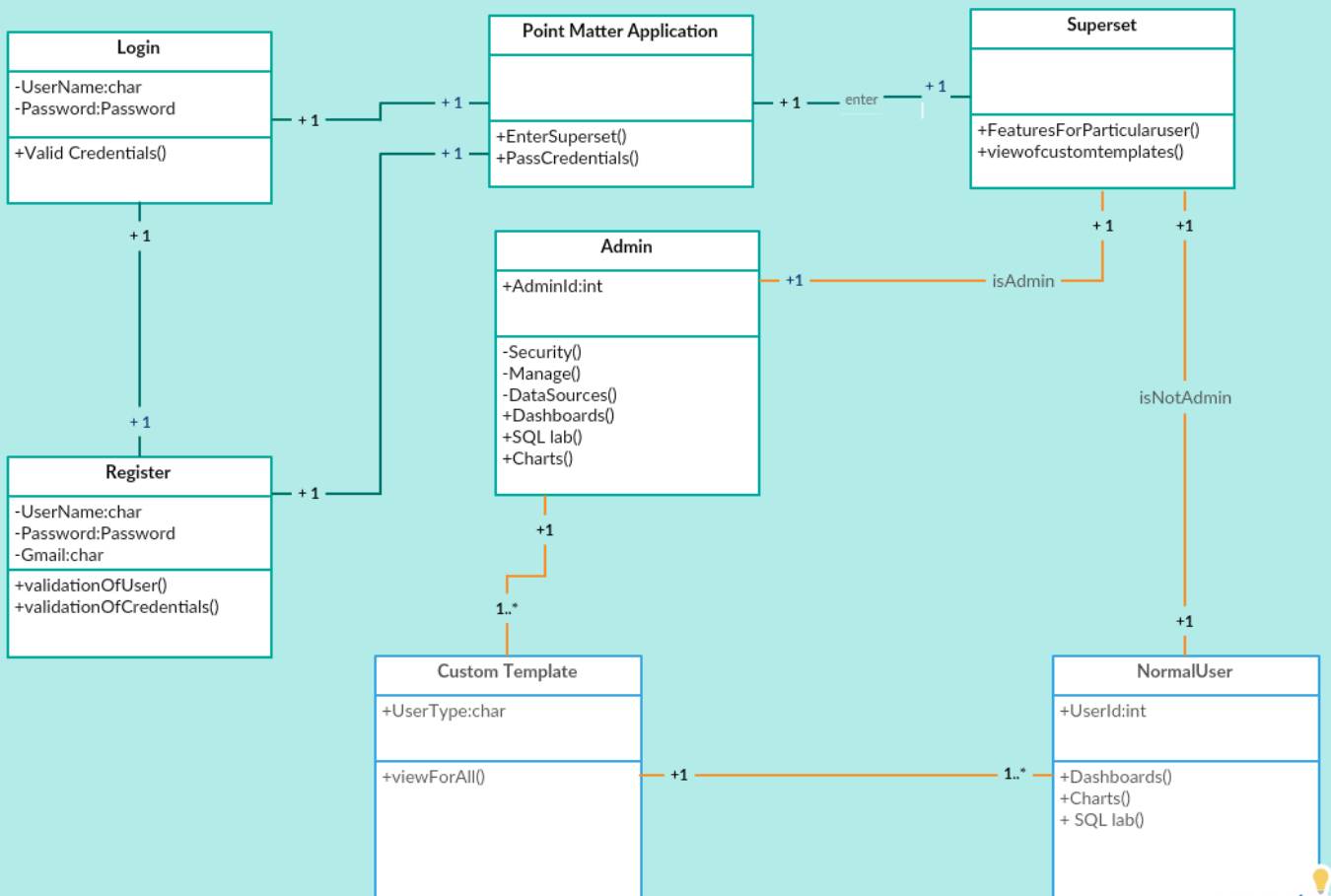


Team <12, Chinni Venkata Charan & Debojit Das,Ujwal Narayan N,Arnav Kapoor,R S Subbulakshmi>

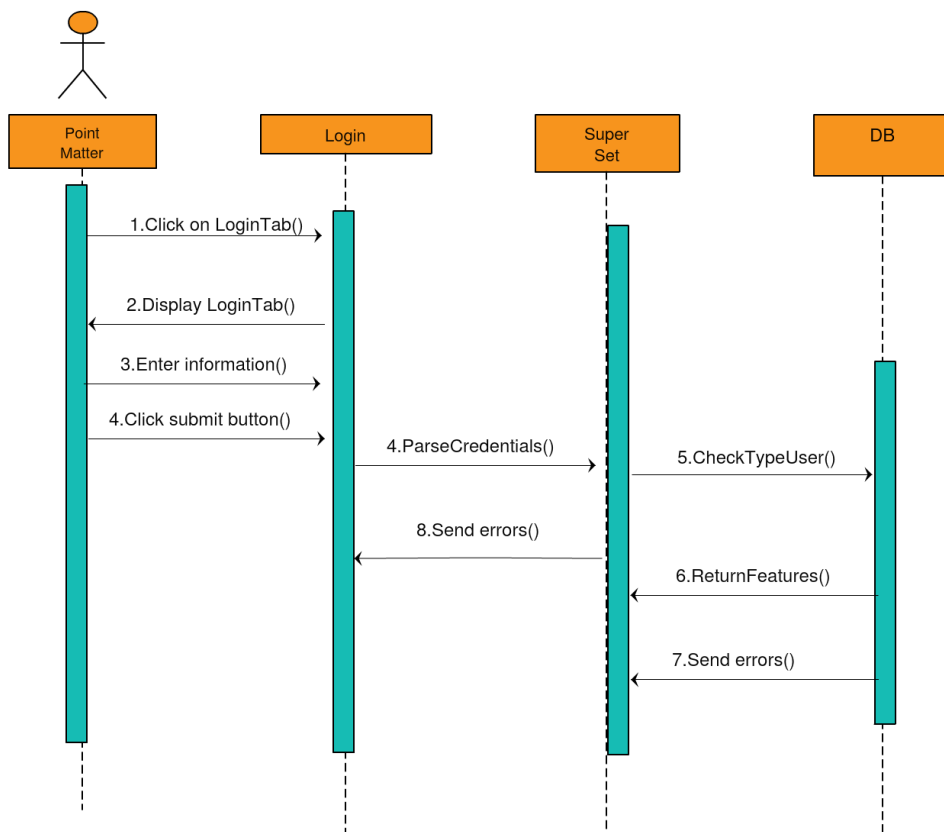
Design Model

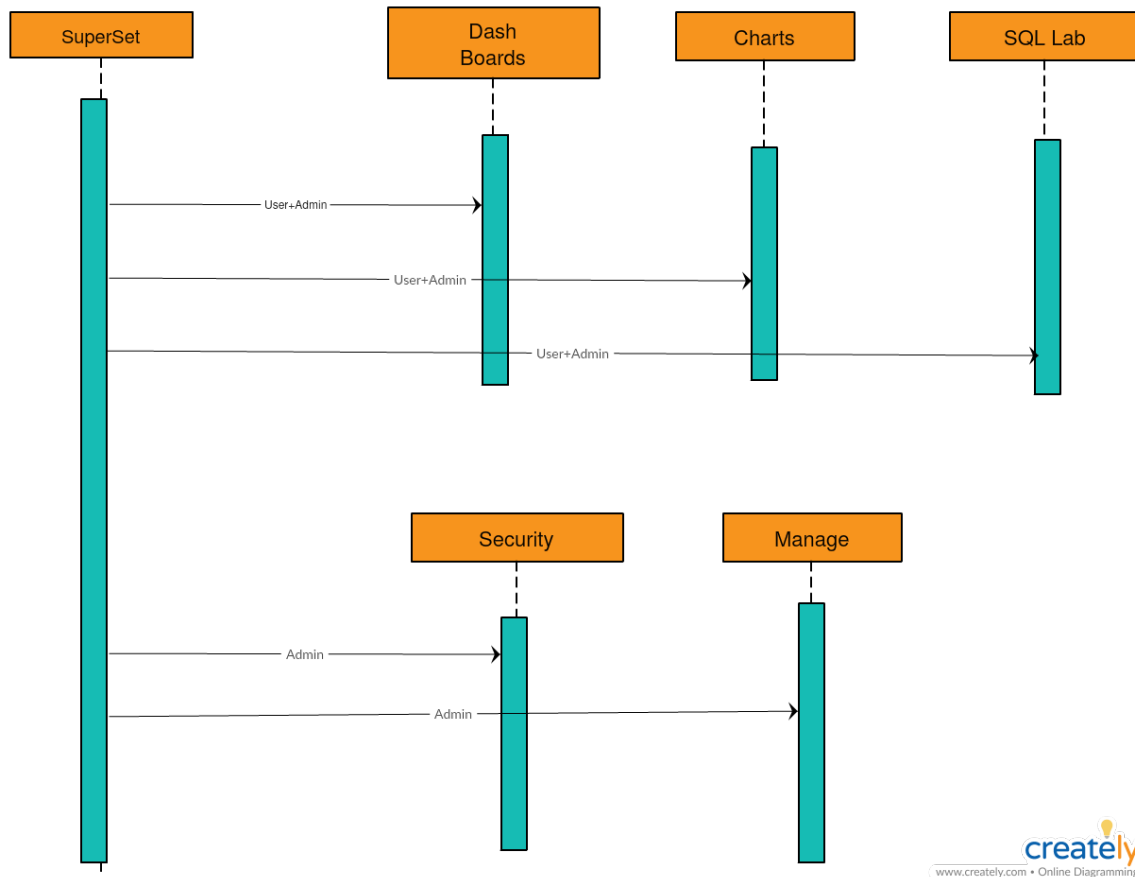
The fundamental aspect of this project is an end user can visualize the data by running the sql queries after login into the application



Single Login	<p>Login Behavior</p> <ul style="list-style-type: none"> • Input:credentials of a particular user • Flow:When a particular user login user into the application then he don't need to again login into into the superset application as we parses the credentials to the superset application • Parses the credentials to the application
Roles Assignment	<p>Creating the roles</p> <ul style="list-style-type: none"> • Different Persons will have different roles in the applications • Eg:Admin can have additional roles other than normal user like he can view the list of users who logged into the application
Custom Templates	<p>SQL Lab</p> <ul style="list-style-type: none"> • Through Sql lab which is a part of superset application he can write his own queries and visualize the data based on his requirements <p>Custom Templates</p> <ul style="list-style-type: none"> • There are a set of custom Templates where we can visualize the data without need of quering the data • We create the templates using the SQL queries based on the requirements
Contribution to Superset	<p>Contribution</p> <ul style="list-style-type: none"> • This is a application which was built using D3 graphics,react js and also flask-app-builder which have very poor documentation,the team has to go through the code on how it was written and finds the error (if any) • So,now we contribute the fixes to the community which would help them in future

Sequence Diagrams





The above diagrams is a sequence diagram, which explains the flow of control from one part to other.

Design Rationale:

As superset is an application which have a very poor documentation and also when there is a requirement to change something we have to go through the code on how the application actually works. So a well documentation would have save the time for us a lot