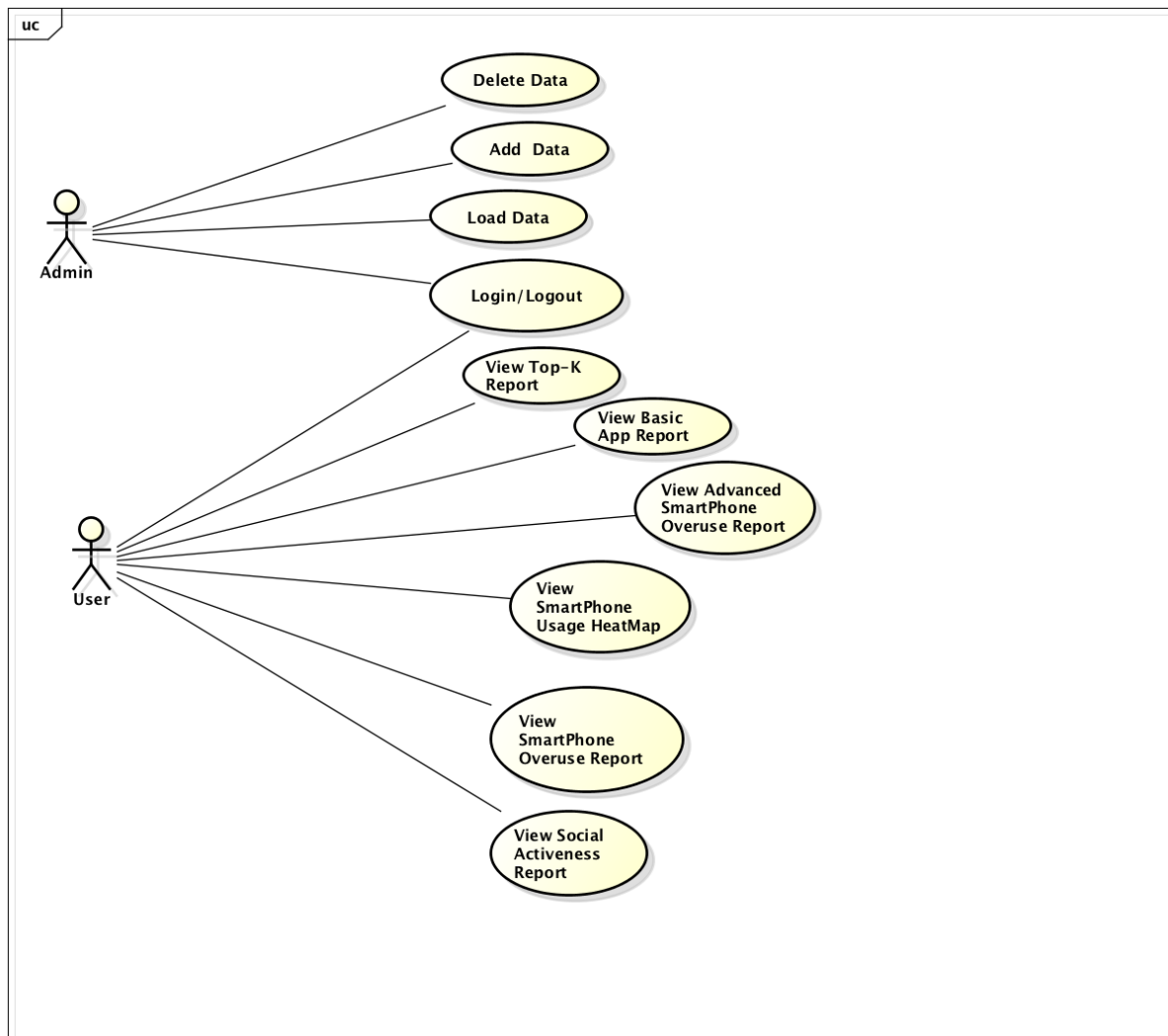


## Use Case Diagrams



Use Case	Description
Delete Data	Allows Admin user to delete Location data from the database directly via a UI or via a CSV file
Add Data	Allows Admin user to add additional data to the database via a zip file containing CSV files pertaining to the database
Bootstrap	Allows Admin user to bootstrap data from a zip file into the database
Login/Logout	Admin users and normal users are able to log into the application with a valid username and password
View Top-K Report	Users are able to view the Top-K reports for a given duration

<b>View Basic App Report</b>	Allows users to view basic app reports by 4 different breakdowns; breakdown by usage time, breakdown by usage time and demographics, breakdown by app category and breakdown by diurnal pattern of app usage time
<b>View Smartphone Overuse Report</b>	Allows the logged-in user to generate a personalised report to help him/her understand how much he/she is overusing his/her smartphone
<b>Smartphone Usage Heatmap</b>	Allows user to see the density of people using smartphones for all places within the SIS building
<b>Social Activeness Report</b>	Shows the social activeness of the logged-in user for a specified day
<b>View Advanced Smartphone Overuse Report</b>	Allows the logged-in user to view how much he/she is overusing his/her smartphone by considering the situations of smartphone user.