| Actor | Use Case | Description |
|---|---|---|
| User | Analyse Data | Analyse data is the first main feature that should be provided. A user should choose as a first step which algorithm to run. Then as a second step, the user should configure algorithm parameters before running it. This use case must be preceded by an authentication. |
| | Manage Data | Mange large scale of data is the second main feature that should be provided. User should be enabled to load data and explore its emplacement. This use case must be preceded by an authentication. |
| | Visualize Results | Visualize results is also a main feature of the application. Result are sort of graphs and charts. Therefore, user should configure parameters (e.g. choosing axes) and then load chart. This use case must be preceded by an authentication. |
| | Manage Account | The application must enable users to manage their own information in their accounts (e.g. password, user name ..). This use case must be preceded by an authentication. |
| Administrator | Manage list of users. | The Administrator has exclusively the right to confirm new users' right to access to their accounts after verifying their identity. As being a critical use case, this operation must be preceded by authentication. |
| | Use Application Statistics | Each operation processed must be logged in a way that enables the administrator to control application operation. This use case is very important in order to register traceability of the processed operations which make reporting issues easier and more efficient. This use case must be preceded by an authentication. |
| Client | Request Registration | As a first step to interact with our application, a user should fill a form on which he describes his identity. After this step, he waits for the administrator confirmation to access the application. |