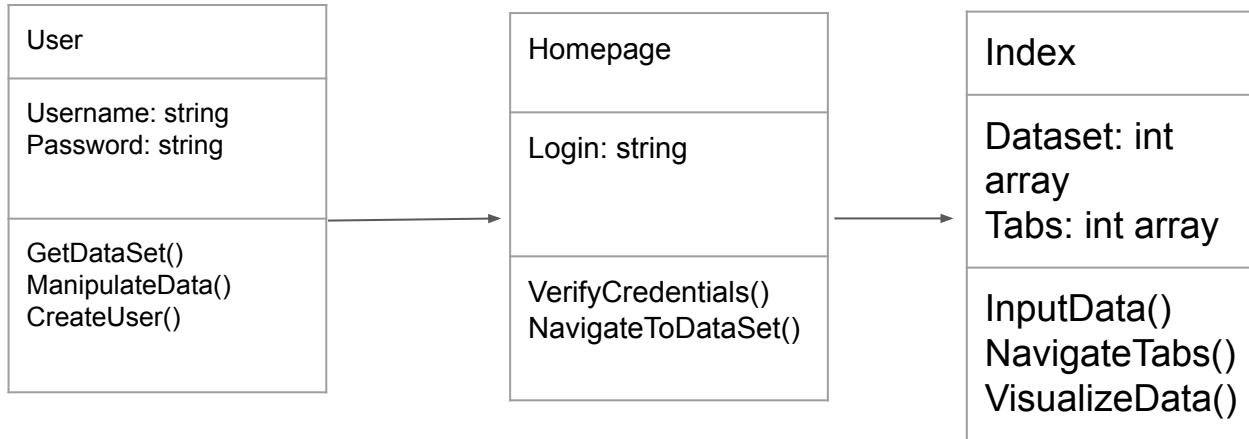# Report 4

Team SunTech
Eli Salazar, Wesley Esquivel, Hondo Cabral, Songha Chheo, Dante Zelaya
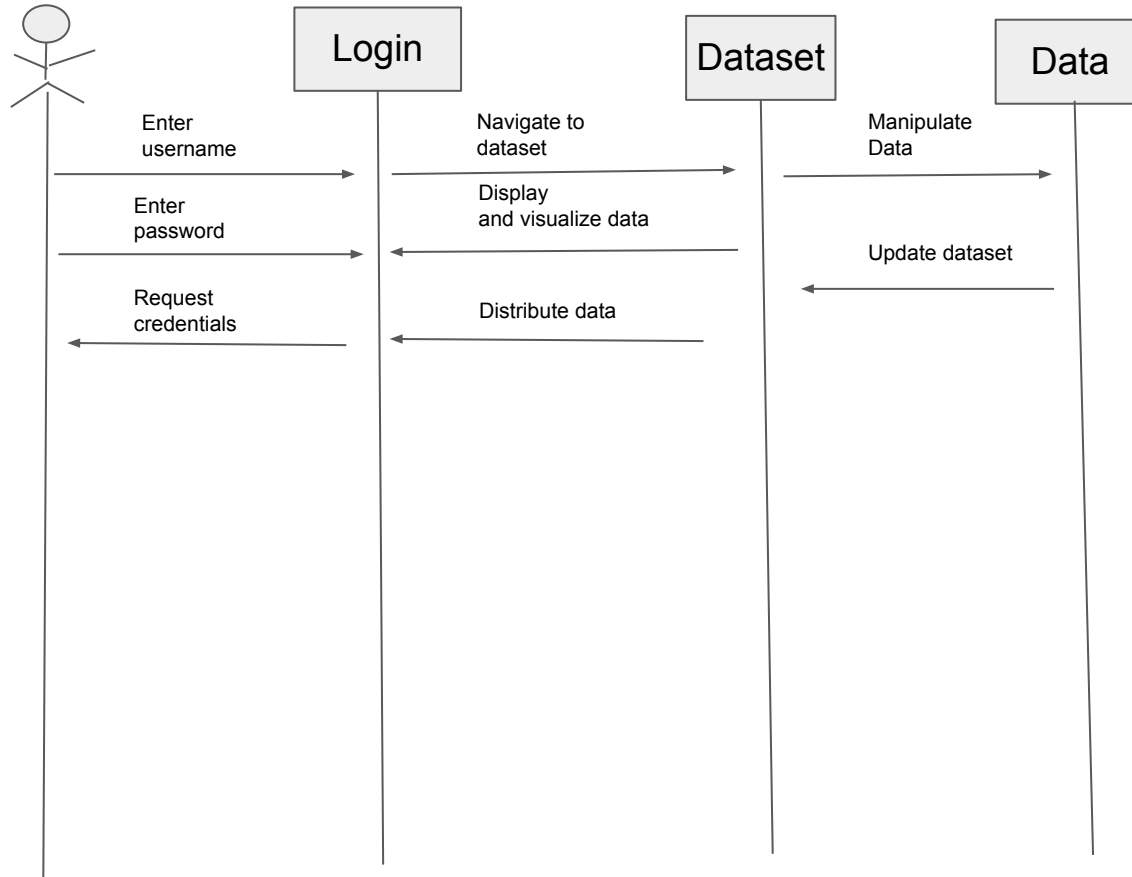
Class Diagram

User

Username: string
Password: string

GetDataSet()
ManipulateData()
CreateUser()

Homepage

Login: string

VerifyCredentials()
NavigateToDataSet()

Index

Dataset: int array
Tabs: int array

InputData()
NavigateTabs()
VisualizeData()

Use Case Diagram

Interactive Dataset Webpage

Administrator

User

Log in

Create User

Check data

Manipulate data

Visualize data

Distribute data
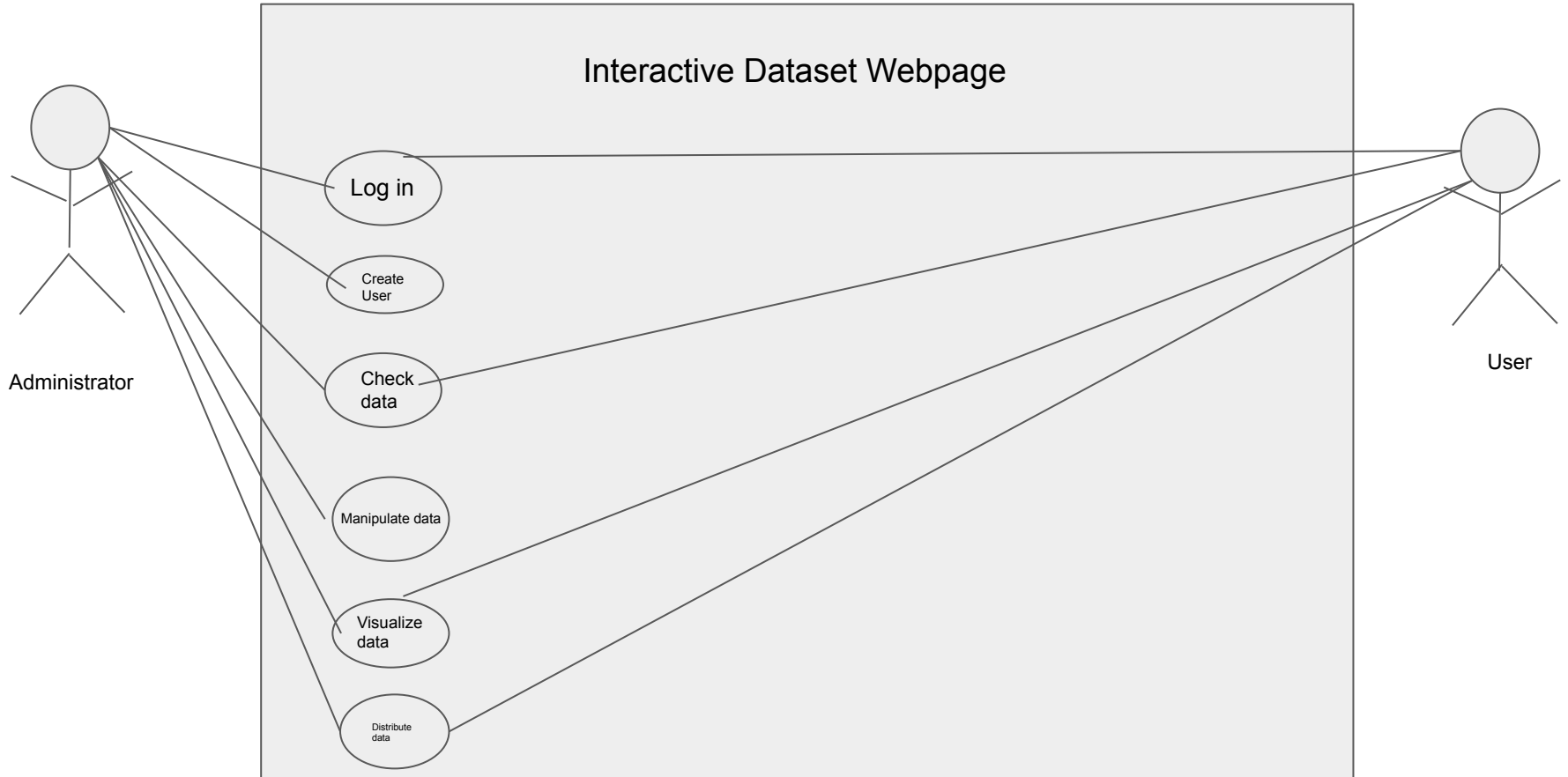
Sequence Diagram

Entity Relationship Diagram

User
Key: Username
Key: Password
Key: User id

Dataset
Key: User id
Key: Edit date
Key: row #
Key: Colum #

Data
Key: Data type
Key: Distribution Date
Key: Edit Date
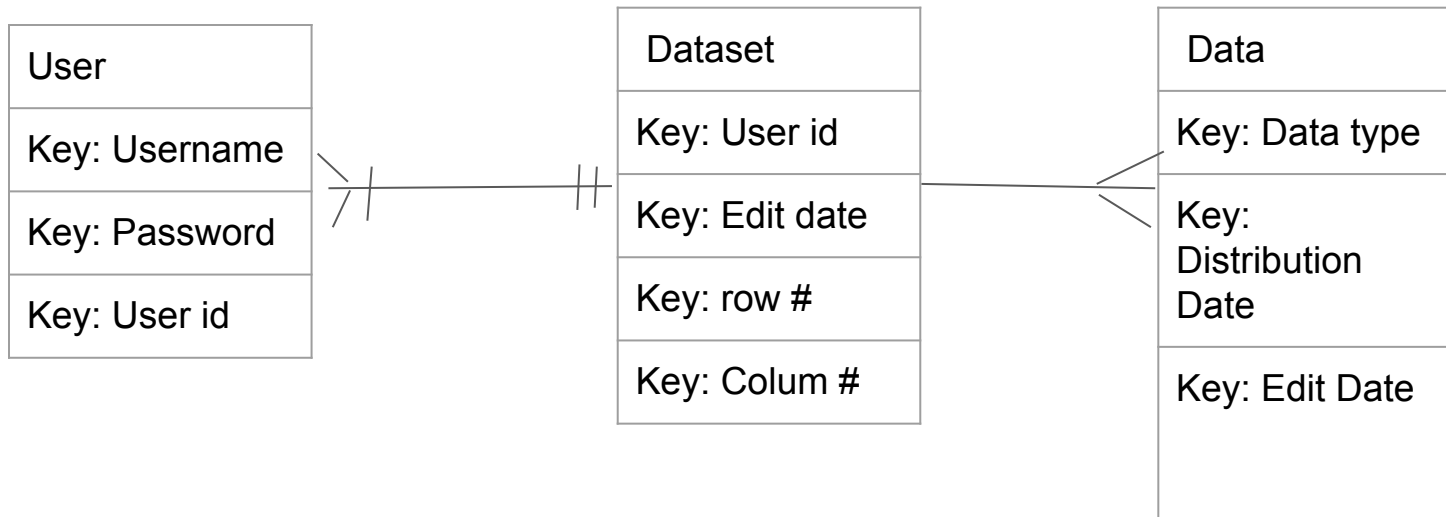
User Interface Design

Home

Home
Username
Password

Dataset

Admin	Export	logo ut

Tab	Tab	Current Working Dataset

visualize

Admin Options

DataSets

Manage Users
Change Dataset
Create Dataset
Upload Dataset