**Design Doc:**

1. **Folder Structure:**

* [**finproduct**](../../finProduct):
  + documents
  + [utility](#utility)

* + [stockprediction](#_stockprediction)
  + optionvaluecalculation
  + optionstrategy
  + directtrading
  + portfoliooptimizer
  + reporting

## **utility**

* + database
    - <features.csv> 🡪 *contains input features like MA,RSI etc*.
    - <user_ip.csv> 🡪 *contains user input args for historic data*.
    - dataframe.csv 🡪*dump pandas dataframe using pickle.*
  + class GetLoad\_Uip(object)
    - def GetIp(self): 🡪 *function to read user input and save in database.*
    - def GetLoad\_FeatureIp(self): 🡪 *function to read feature input from user and save in database.*
    - def LoadData(self,csv\_name) : *function to read data from csv(tables) and return same.*
  + logs 🡪 *logs for utility folder mainly for GetLoad\_Uip class*

## **Stockprediction**

* + Technical\_Analysys
    - class technical\_PD(object):
  + logs