***Functional requirements***

1. *Exchange analysis*
   1. The system will allow users to view the current hryvna exchange rate
   2. The system will allow users to view the graph of hryvna exchange rate change over the month, over the quarter and over the year from 01/02/2005 for today
   3. The system will allow users to view the mid value of hryvna exchange rate over the month, over the quarter and over the year
   4. The system will allow users to view the day, the month or the quarter with the biggest hryvna exchange rate deviation from the mid value
   5. The system will retain information about hryvna exchange changes over the last year
2. *News headlines analysis*
   1. The system will allow users to view the information about the most popular news headlines in the time of biggest hryvna exchange rate deviation from the mid value
   2. The system will allow users to view the information about the frequency of appearance trend news headlines
   3. The system will allow users to view the information about headlines source, link to the source

***Nonfunctional requirements***

1. *Operational*
   1. The system can run on PC devices
   2. In the event of a failure during a using, the customer will be able to restart with the new parameters.
2. Performance
   1. The system should be available for use 24 hours per day, 365 days per year
   2. The response time will not exceed 1 minuet
3. Open Source
   1. The source code is available to the public for use or modification from its original design
4. Security
   1. The system does not receive any information about user
5. Cultural and Political
   1. The system uses only the information that is publicly available
   2. The system exists for public usage without any limitation