***Functional requirements***

1. *Exchange and inflation analysis*
   1. The system will allow users to view the current hryvna exchange rate
   2. The system will allow users to view the graph and a histogram of hryvna exchange rate change over the any period from 01.01.2008 to 31.12.2017
   3. The system will allow users to view the graph and the histogram of inflation in the Ukraine over the any period from 01.01.2008 to 31.12.2017
   4. The system will allow users to view the graph and the histogram of inflation in the USA over the any period from 01.01.2008 to 31.12.2017
   5. The system will retain information about hryvna exchange changes over the last eight years
   6. The system will clearly visualize information

***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