Objectives fulfilled/not fulfilled

Objectives Mentioned Before:

1.Admin will be able to login and mark, delete the fake reviews identified by our system with the help of data mining.

2.A user can register, login, buy and review the product.

3.Our system will track the information about IP address of the user's system and the pattern in which reviews are being posted.

4.If our system finds same types of reviews coming from a particular IP address then it will inform the admin and he will remove that fake review.

5.Admin can delete multiple or all reviews at a time.

6.User knows about his/her review is fake or genuine.

7.Redirect to same page after login from where user is asked to login first.

Objectives Fulfilled:

1.Admin can login and can do:

   a). Mark the reviews suspected by system.
   b). Delete suspected Reviews.
   c). Reviews list of Suspected Reviews and Suspected Users.

2. Our System can identify/ suspect a review to be fake based on two checks:
   a). Detection through duplicate IP address-
      If we are getting reviews on a single product from different users but from the same IP address then after a threshold such as 5, we would declare those reviews fake and inform the admin.

   b). Detection through Sentiment Analysis

Fake users can be smart and can hide their identity by using some application which allows them to have different IP address so here we could take help of sentiment analysis and get to know the intent behind that review. Here we have set a threshold polarity value(inclination towards positive or negative) for every product(Which is the average of polarity value/sentiment of all reviews for that product). If we get a review whose confidence level varies much from the threshold polarity value of the product,then we would identify that review as fake.

3. A user can login, buy and review a product.
4. Only a logged in user can review a product.

Objectives not fulfilled:

1. If any random user is looking for our products and tries to comment then he would be redirected to register/login page but he would not be able to return back to the product page on which he wanted to comment, he would come to the home page of our website.
2. User won't be able to know whether his review is fake or genuine, our system at backend will be calculating it for admin only.
3. Admin can not delete all reviews at once.