Problem Statement:

Now a days we get news and all information through news channels, newspapers or from social media. That information could be biased because a single person (anchor) cannot represent public point of view on that specific issue. Therefore we are implementing an idea of citizen journalism. It will fill the gap between news, provided by the news channels, and general public

Citizen Journalism will provide unbiased news and point of views of people through data collected by twitter and face book. We are providing a platform to our community to have a multiple and diverse point of views on hot topic and news but more significantly this is on one platform.

Citizen Journalism would be a web application. In business model we are selling newspaper obtained by this web application and we will sale statistic to universities or researcher to help them. Later on we will also get money through AdSense.

**Product Function:**

* Provide unbiased news
* Provide Hot topic
* User can comment about topic
* Social active person
* Personalize news
* Web User can search for query and person
  + Provide comparison of news
* News related to technology, sports and politics
* Analysis of a person’s biasness towards a topic

## Hot topic user case:

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| --- | --- |
| Actor Action | System Response |
| 1. User open web application. | 1. System provides interface of website |
| 1. User click on hot topics | 1. System shows categories of hot topics. Like sports, entertainment, politics, technology |
| 1. User click any one of those category | 1. System provide view that that have a discussion forum. In discussion forum we have top 5 tweets and number of people who talk about it |
|  | 1. System also show option to comment about it. |
| 1. User click on comments button to give his point of viewb | 1. system asks for login to record his point of view |
|  | 1. **Subcase1 for login** |

## Use case of Home:

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| Actor Action | System Response |
| 1. User open web application. | 1. System provides interface of website |
| 1. User click Home Button | 1. System shows main page that consist of button of Hot News, Political News, Personalize news, Home, About Us, All News |

## Use case of about us:

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| Actor Action | System Response |
| 1. User open web application. | 1. System provides interface of website |
| 1. User click About us Button | 1. System shows our vision to make this application. |

## Use case Search Query:

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| Actor Action | System Response |
| 1. User open web application. | 1. System provides interface of website |
| 1. User click on Search Query Button | 1. System show two button named Person search or Keyword search |
| 1. User click on Person search button | 1. **Subcase Person Search** |
| 1. User click on Keyword search | 1. **Subcase Keyword search** |

## Subcase Person Search:

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| --- | --- |
| Actor Action | System Response |
| 1. User click on Person Search | 1. System extracts keywords from his/her tweets and show cluster of his discussion. |
|  | 1. System shows bar graph that tells his most discussed topics |
|  | 1. System shows his top five tweets. (Most retweeted or most liked) |
|  | 1. System also show option to comment about it. |
| 1. User click on comments button to give his point of view. | 1. system asks for login to record his point of view |
|  | 1. **Subcase1 for login** |

## Subcase Keyword Search:

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| Actor Action | System Response |
| 1. User click on keyword Search | 1. System show list of top 5 people who talked about it more frequently. |
|  | 1. System shows top five tweets related to his query. (Most retweeted or most liked with that query) |
|  | 1. System also shows top five tweets of news channels about that query for comparison. |
|  | 1. System shows numbers of people who talked about that query search by user. |
|  | 1. System shows a graph which depicts gap between news provided by news channels and point of view of people. |
|  | 1. System also show option to comment about it. |
| 1. User click on comments button to give his point of view. | 1. system asks for login to record his point of view |
|  | 1. **Subcase1 for login** |

## Subcase Personalize News:

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| Actor Action | System Response |
| 1. User open web application | 1. System provides interface of website |
| 1. User click on Personalize news Button | 1. System ask for login so that it could see his profile and show him personalize news |
| 1. User click on Personalize news Button | 1. System provide web page that has two option Sign in or sign up. |
| 1. User has option sign in through Facebook, Google plus or through account created on our website. | 1. If user account exist according to system’s database it will show his personalize news 2. Otherwise it will show message to user his account does not exist or he forget his username or password(System will also show sign in page again) |
|  | 1. If sign in successful System analyze interest of user by his/her profile and shows categories accordingly |
| 1. User click on desired category | 1. System provide view that that have a discussion forum. In discussion forum we have top 5 tweets and number of people who talk about it. |
|  | 1. System also shows top five tweets of news channels about that query for comparison. |
|  | 1. System also show option to comment about it. |
| 1. User click on comments button to give his point of view. | 1. System provide field to comment on it |
| 1. User enters comment and press publish | 1. System publish comment on website |

## Subcase1 for login:

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| --- | --- |
| 1. User open web application | 1. System provides interface of website. That has option to sign in or sign up. |
| 1. User has option sign in through Facebook, Google plus or through account created on our website. | 1. If user account exist according to system’s database it will sign in. 2. Otherwise it will show message to user his account does not exist or he forget his username or password(System will also show sign in page again) |
|  | 1. If user account exist according to system’s database it will show his personalize news 2. Otherwise it will show message to user his account does not exist or he forget his username or password(System will also show sign in page again) |

**Citizen Journalism**

Pakistan is surrounded with lot of issues related to health, education and many other social issues. Most of people get informed about all it through T.V, Newspapers Social media. But that information can be biased and one single person (anchor) cannot represent public point of view on that specific issue. We are interested in knowing views of People because that is more accurate and directed information. As most of us do not know about our local issues because there is no common platform which can update People of Pakistan about our problems and about issues on which researchers are currently working and what work already has been done in Pakistan till now. And we are also not know what topics are being discussed in between people of Pakistan and what are their point of views about specific topics.

. There are lot more projects on which currently Pakistan working to solve local issues using technology. We are designing a platform which will create ease for people. This site will let people know about their local issues. Research focused by Pakistan government can also be find there.

It will gather data of Sports, anchor, politics, news channels, local issues and new inventions on one platform.

It will also show people views on a specific topics or issues. We will do some analytics to show people positivity or negativity about some special events or policy etc. It will also give us most discussed topics in Pakistan through twitter. We can predict likes and dislikes of people from data of twitter that will be helpful for marketing and business in Pakistani areas. It will be helpful for surveys by knowing all such information. We can see gap between public views and T.V news. With twitter data we can also predict about people’s behavior of different areas. So now people will be playing an active role in the process of collecting, reporting, analyzing, and disseminating news and information and we will provide them a platform like website and a mobile app.