**GITHUB:**

1. Creation of Github account and adding files to a new repository using Gitshell
2. Cloning of repository to our local machine
3. Setting of private/public restrictions to the repository
4. Adding files and committing the changes. We can also check the git status.
5. Testing the remote connection to github using SSH and HTTPS
6. Pushing the files to Github after making the corresponding changes in local
7. If we make changes directly in the Github, we can also pull the file to local using **GIT PULL**.

**GITHUB PROJECT MANAGEMENT**:

1. Creation, deletion and renaming of branches using corresponding commands.
2. To work on the branches, check out the corresponding branches, add files and commit correspondingly.
3. Different people can work on different features and merge them together, then delete the branches.
4. Then all the changes can be moved to remote repository.

**ZENHUB:**

Zenhub is a Github plugin used for agile project management.

1. We can add issues , label them as bug, enhancement or any type and mark the difficulty level and also set different attributes such as milestone for the corresponding issue and assign it to anyone.
2. In Board, we can update the status as to-do , in-progress or completed.
3. We can also create milestones with title, description and calendar date. We can also edit or close it in future.
4. We can also build a burn down chart , which gives a visualization of work left versus time.

**CLOUDERA:**

It is a Hadoop ecosystem provided by Cloudera Inc. which provides support and services.