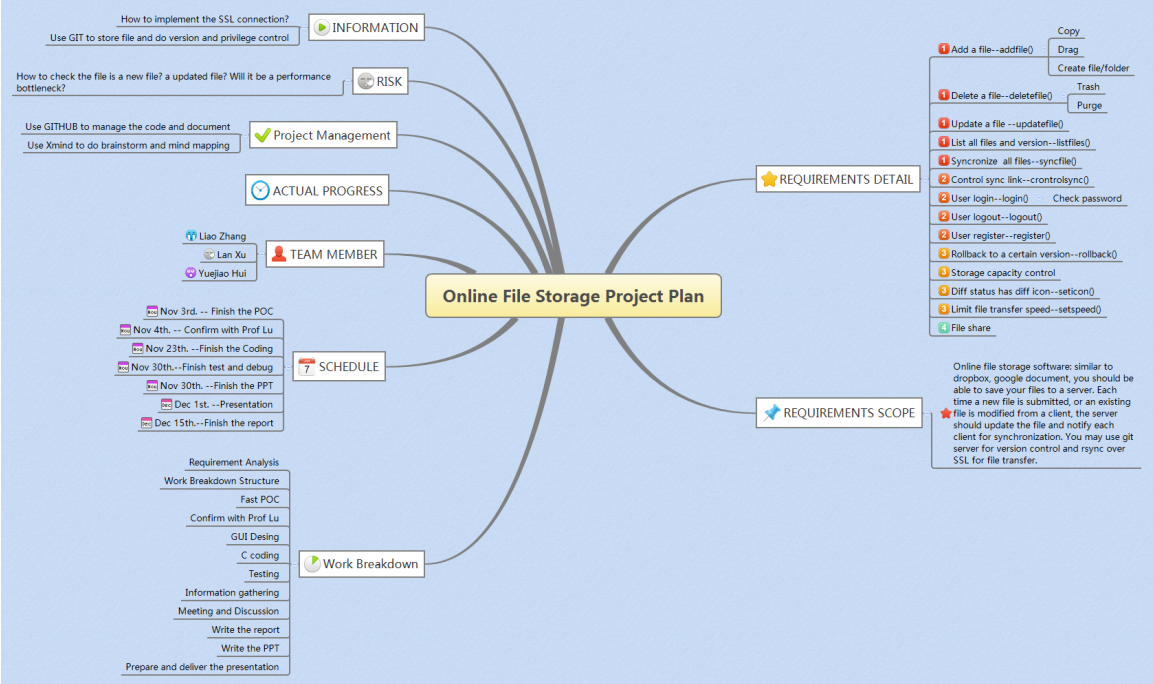
Online File Storage Project Plan



1. REQUIREMENTS DETAIL

1.1. Add a file--addfile()

1.1.1. Copy

1.1.2. Drag

1.1.3. Create file/folder

1.2. Delete a file--deletefile()

1.2.1. Trash

1.2.2. Purge

1.3. Update a file --updatefile()

1

1.4. List all files and version--listfiles()

1

1.5. Syncronize all files--syncfile()

1

1.6. Control sync link--crontrolsync()

2

1.7. User login--login()

2

1.7.1. Check password

1.8. User logout--logout()

2

1.9. User register--register()

2

1.10. Rollback to a certain version--rollback()

3

1.11. Storage capacity control

3

1.12. Diff status has diff icon--seticon()

3

1.13. Limit file transfer speed--setspeed()

3

1.14. File share

4

2. REQUIREMENTS SCOPE

2.1. Online file storage software: similar to dropbox, google document, you should be able to save your files to a server. Each time a new file is submitted, or an existing file is modified from a client, the server should update the file and notify each client for synchronization. You may use git server for version control and rsync over SSL for file transfer.

3. Work Breakdown

3.1. Requirement Analysis

3.2. Work Breakdown Structure

3.3. Fast POC

3.4. Confirm with Prof Lu

3.5. GUI Desing

3.6. C coding

3.7. Testing

3.8. Information gathering

3.9. Meeting and Discussion

3.10. Write the report

3.11. Write the PPT

3.12. Prepare and deliver the presentation

4. SCHEDULE

4.1. Nov 3rd. -- Finish the POC

4.2. Nov 4th. -- Confirm with Prof Lu

4.3. Nov 23th. --Finish the Coding

4.4. Nov 30th.--Finish test and debug

4.5. Nov 30th. --Finish the PPT

4.6. Dec 1st. --Presentation

4.7. Dec 15th.--Finish the report

5. TEAM MEMBER

5.1. Liao Zhang

5.2. Lan Xu

5.3. Yuejiao Hui

6. ACTUAL PROGRESS

7. Project Management

7.1. Use GITHUB to manage the code and document

7.2. Use Xmind to do brainstorm and mind mapping

8. RISK

8.1. How to check the file is a new file? a updated file? Will it be a performance bottleneck?

9. INFORMATION

9.1. How to implement the SSL connection?

9.2. Use GIT to store file and do version and privilege control