Name: Tran Thi Thoa
ID: s1242006

8.1 The whole range of architectures
1. Computer cluster
2. Cloud
3. Peer-to-peer system
4. Multitier architecture
5. Client-server

8.2 Services and Architectures
1. Sugar sync is a cloud architecture for automatic file syncing, secure file sharing, accessing your photos, videos, and files in any folder,…
2. Super Dimension Fortress (SDF.org or freeshell.org): is a client-server architecture offering shell accounts and other hosting services to everyone worldwide.
3. Direct Connect network (via DC++ client) is a P2P architecture. Direct Connect clients connect to a central hub and can download files directly from one another. Advanced Direct Connect can be considered a successor protocol
4. Microsoft Azure is a cloud architecture having more than 100 services with great end-to-end tools to make the users successful,…, is an open, flexible, enterprise-grade computing platform, more faster, do more and save money with IaaS + PaaS
5. Freenode.net is a client-server architecture supporting peer-directed and open-source projects,...

8.3 Your experience
I've already use some cloud-based service like:
+ Dropbox to storing documentation, critical configuration files,… For me, it's quite convenient an great to use Dropbox since Dropbox offers 2GB of space free for those who signs up for the service, and supports all operating system and mobile devices,…
+ Google Apps: is a great ways to store files, images, send/receive mail, create custom Googlr applications,…
+ Skype : to make group video calling, real-time collaborations,….
+ Github: a quite good space for storing code, important files, team project,… for team working

8.4 The Pitfalls of Code and File Sharing.
1. The cost to buy a larger Github accounts for a team of 10 people is 90 USD/month (which means 9 USD/user/month) and the cost for a larger Dropbox accounts for a team of 10 people is 267.5 USD/month (which means 26.75 USD/person/month)
2. The cheap of free softwares that can be used instead of using Github and Dropbox are:
- Gitlab: is the best self-hosted Github alternative, open source licensing, unlimited private repos for free, clean and intuitive UI
- Bitbucket: enhanced security and cheaper price for private repos.
- LauchPad : completely free , offer remarkable features like bug tracking, code reviews, Ubuntu package building, hosting, mail listing,…
- Sync.com ; Dropbox alternative with security and better deal
- pCloud: Dropbox alternative with more free storing space.