1) Answer

a) at the frontend i will show to user a progressbar (status of uploading file).

b) i will use queue for backend (rabbitmq or redis). after uploading to handle and store it in a folder. then i will send a message via socket to the frontend.

2) Answer

a) question for backend developer. i will ask him how to increase the speed for downloading of files.

b) downloading every file seperateley will take a more time than downloadin by a zip.

c) often speed of downloading depends on internet speed, but we can decrease size of the files by zip them.

3) Answer

a) i will use cron to dor scheduled tasks.

b) i will use queues for the sending message to emails (and i will attach a link to unsubscribe from a notification to the email)