# Atrium LTS Coding Challenge

From Chris - Let's dive into a small follow up project. Please ask me clarifying questions at any time, chris@atriumlts.com.

Timeline:
We anticipate this to take you about half a day and certainly less than one full day of coding. We understand that you're busy, so we target a **4-day turnaround time.**

Our goal is not to take up too much of your time but rather evaluate your coding skills; so if something seems like it's going to take too long, please let us know and I'm happy to discuss.

Goal: Implement a simple file storage and search service prototype.

Guidelines:
A. The service should have the following features:
1. No need for multiple user accounts for this prototype, just some way to gate access to the list/upload functionality. How you choose to implement this functionality is up to you.
2. There should be a server that accepts file uploads and stores the files somewhere. Since this is a prototype, you may choose whatever you think is best.
3. There should be a browser interface to show uploaded files and accept new file uploads. Listed files should show the name, a description, the inferred file type, and the time of upload.
4. Implement functionality to search file names and text content. For the purpose of this prototype, you can limit search functionality to PDFs and Word documents.

B. Reply "all" with what language(s) you plan to use, though generally use the technologies you're comfortable with. Please don't wait for a response; feel free to get started immediately.

C. Provide at least two commits:
1. The first working implementation (messy is fine, we won't do an immediate code review); and
2. The clean version of the code (though still a prototype).

D. Describe what steps you would take to turn this prototype into a production-ready service.

What you can expect from me:
1. Timely responses to your questions about this challenge.
2. A review and response to your commits within ~48 hours from your final commit.

Thanks for your time and interest in engineering at Atrium LTS. I look forward to continuing the conversation.

-chris