User story:

As a user, I want to share and upload files securely using an encrypted link, so that my data and files stay private and can only be accessed by authorized person.

Sprint Tasks:

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| Task # | Task Description | Estimated hours |
| 1 | |  | | --- | |  |  |  | | --- | | Set up project structure and initialize Node.js with Express | | 3 hours |
| 2 | |  | | --- | | Create basic frontend using HTML and CSS for file upload interface |  |  | | --- | |  | | 7 hours |
| 3 | Implement file upload functionality | 4 hours |
| 4 | Integrate AES encryption to encrypt files before saving | 5 hours |
| 5 | Store encrypted file metadata and access token in MongoDB | 5 hours |
| 6 | Build route to generate and serve secure, time-limited download links | 7 hours |
| 7 | Implement authentication using Passport.js | 6 hours |
| 8 | Create download route that decrypts file only if token is valid | 8 hours |
| 9 | |  | | --- | | Add error handling and edge case validations (file too large, token expired, etc) |  |  | | --- | |  | | 8 hours |
| 10 | Test full upload-to-download flow with encryption/decryption | 5 hours |
| 11 | |  | | --- | | Final check for document code and create README file to upload to Github |  |  | | --- | |  | | 4 hours |