

Java Project Proposal: *Look*^{TM(Sorta)}

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Overview:

Look will be a simple image sharing website using JDBC and MySQL. We hope to implement user authentication. Users will be able to tag pictures and search for pictures by tag or title. Users can click on an image to go to that image's page with its title, tags, and comment section. We also hope to implement the ability to edit or delete user's previously uploaded images.

Requirements:

Product

- User can create account or log in
- User can upload image
- User can add tags to an image post
- User can add title and description to an image post
- User can comment on its own or other's image posts
- User can edit or delete its own image posts
- User can delete its account
- Website will display recent uploads on the home page feed
- Website will have the ability to navigate to an image post from the home page feed
- Website will have the ability to search images by title, tag, or description

Code

- Written in Java 1.8
 - Java Database Connectivity
 - MySQL, Connector/J
 - HTML5/CSS
 - Apache TomCat Server (Running on Linux platform)
 - SHA-2 password hashing and salting
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Timeline:

Date	Goal	Done?
March 1 st	Finish project proposal	✓
March 8 th	Tool research, wireframe, database structure, created git repo	✓
March 15 th	Setup on glados complete, functioning upload and simple recent feed	
March 22 nd	Functioning post pages and search feature	
March 29 th	Functioning user management, comments, update feed page	
April 5 th	Functioning post editing/deleting, review previous implementation	
April 12 th	Finished all requirements, distribute to beta testers, fix bugs	
April 17 th	Final product and release party (invitations extended for good grade)	