# tiStudent
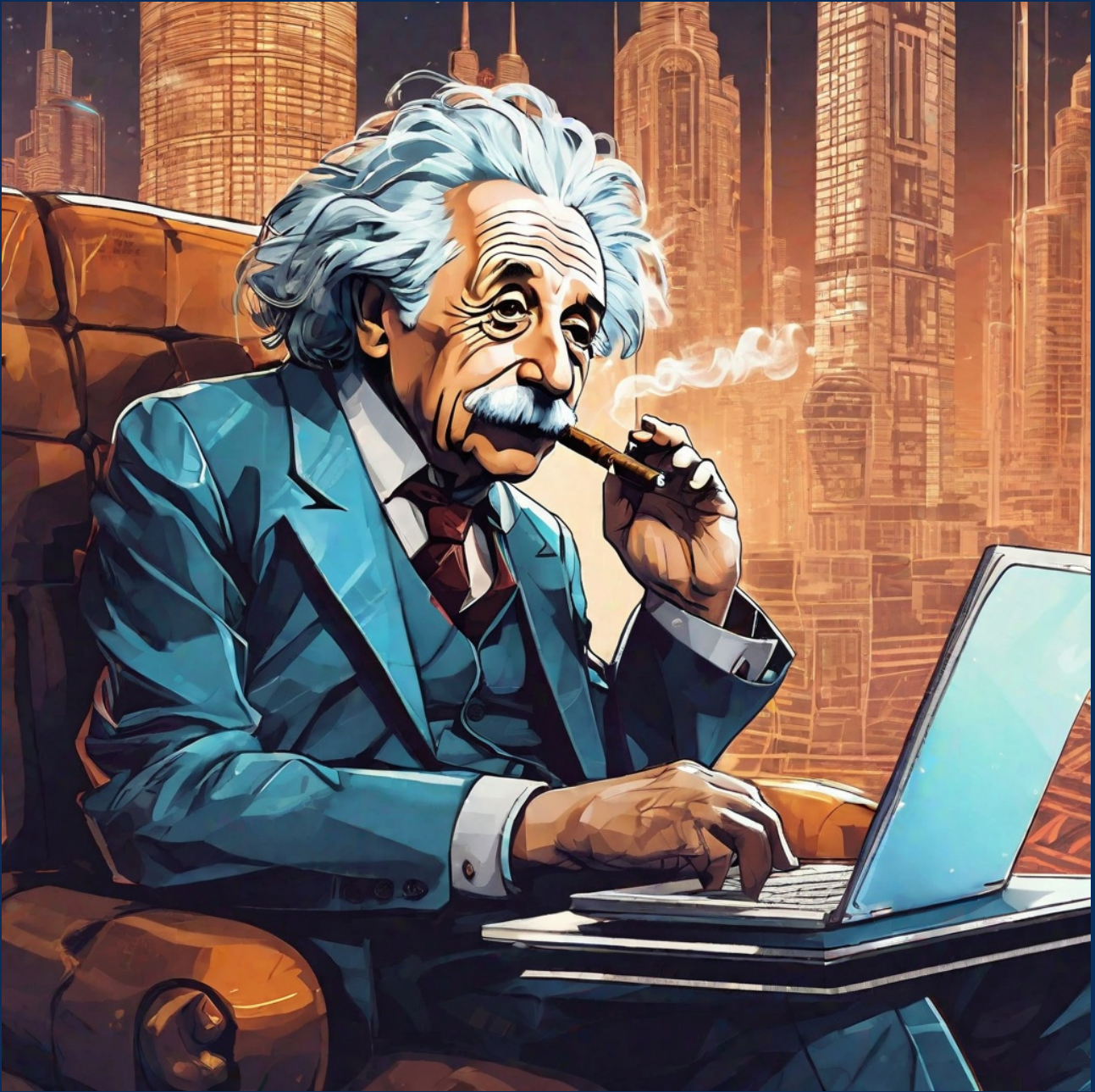


A platform for students to share academic resources

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# Description

tiStudent will be a platform where students can share, like, comment and publish academic resources.

# User stories

## Academic resources complete overview

As a user
I'm able to get a list of academic resources
So that I can see which academic resources are available

### Wireframe



### Acceptance criteria

- List of academic resources is displayed

- Each academic resource is labeled by subject

- When there are no academic resources, display "No academic resources exist"

# Feed overview

As a user
I want to be able to have an overview of the latest updates in newly shared academic resources
So that I can stay up to date and have access to the latest summaries, cheat sheets, etc.

## Wireframe
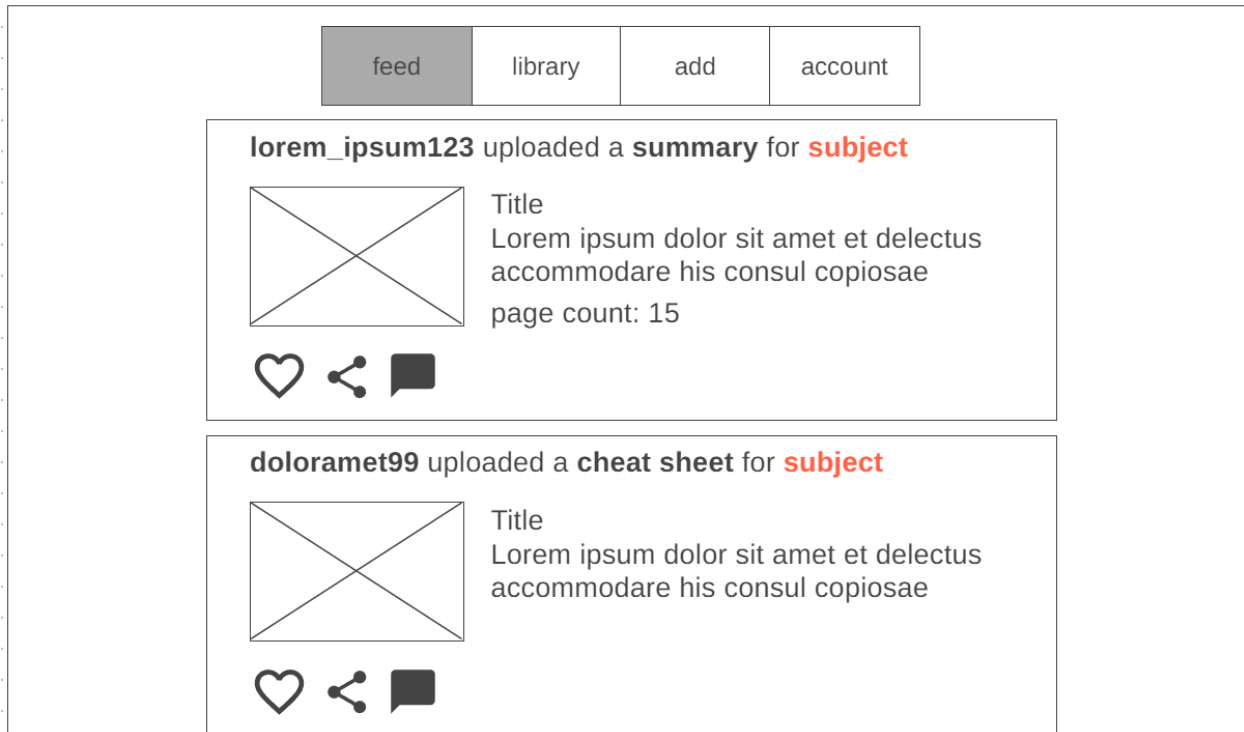


## Acceptance criteria

- Feed updates whenever someone uploads a new resource

- Resource contains: thumbnail, username, category, subject, title, (description), likes and page count

- Option to like resource

- Option to share

- Option to comment

# Filter resources

As a user
I want to be able to filter all the academic resources
So that I can find exactly what I'm looking for

## Wireframe
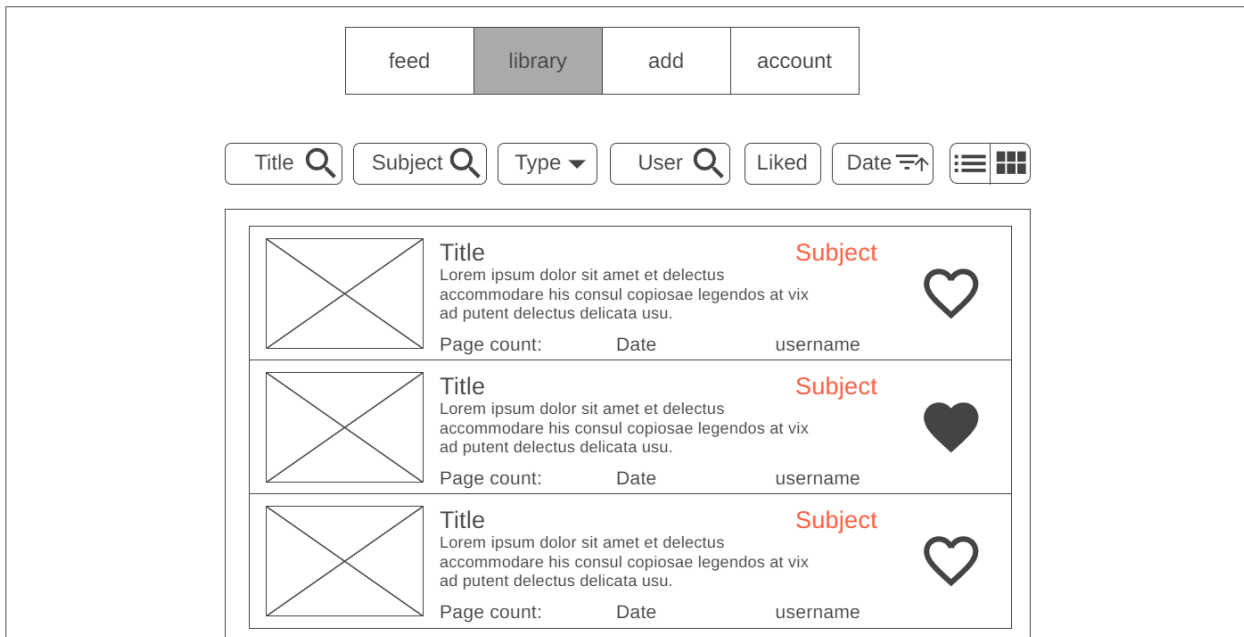


## Acceptance criteria

Filter on:

- Title: searches for a specific resource with a name
- Subject: gets all the resources for a specific subject
- Type: finds all resources of a specific type
- User: selects all resources published by a certain user
- Liked: shows all resources you have liked

Sort by:

- Date: descending or ascending
- Display: list or block

# Resource interaction

As a registered user
I want to be able to interact with a resource
So that I can ask a question, thank the author, download the resource, etc.

## Wireframe

| feed | library | add | account |
| --- | --- | --- | --- |

Title                                                          Subject

page count                                          date

Lorem ipsum dolor sit amet et delectus accommodare his consul copiosae
legendos at vix ad putent delectus delicata usu. Vidit dissentiet eos cu
eum an brute copiosae hendrerit. Eos erant dolorum an.        - username

Download resource ⬇

**lorem_ipsum123**
Great summary!! Helped me a lot :D                     💬 ♡15

**doloramet99**
What's the last word on page 2 line 5?                 💬 ♡ 1

## Acceptance criteria

• Users can like, share and comment on a post

• Users can comment on comments to help people if they have a question

• Users can download the resource

# Login

As a guest
I want to be able to log into an account
So that I can like, comment and publish academic resources

## Wireframe
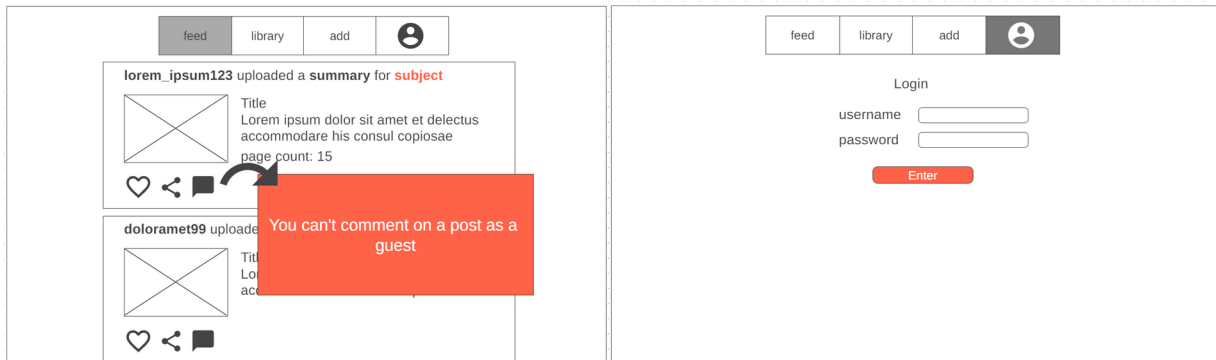


## Acceptance criteria

- A guest user can look at and browse through posts.

- A guest user can't comment or like posts

- A guest user can't create posts

- A guest user can login to their account with the login form

- For a guest user, instead of "account" the last box in the navigation shows an account logo to remind them they are not logged in

# Add resource

As a user
I want to be able to add my personal academic resources (summaries, cheat sheets, etc.)
So that others can use them to study

## Wireframe

| feed | library | add | account |
|------|---------|-----|---------|

Title: Lorem ipsum

Description: Lorem ipsum dolor sit amet et delectus accommodare his consul

Type: Summary ▾
Cheat sheet
Notes

Subject: Lorem ipsum 🔍
Lorem ipsum dolor sit amet et delectus

Upload file: select file

Upload thumbnail: select image

SUBMIT

## Acceptance criteria

- A form to add a resource:

    - Form fields for text to add title, description
    - A filter dropdown menu to select subject
    - A normal dropdown menu to select resource type
    - Buttons to upload files

- The same file can't be added twice

- Thumbnail is not required

- The user needs an account in order to upload

- After adding you are directed to your feed

# Account settings
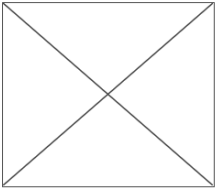
As a registered user
I want to have control over my account settings
So that I can personalize my experience and manage my account effectively.

## Wireframe

| feed | library | add | account |
|------|---------|-----|---------|

username: Lorem ipsum dolor sit amet et          [click to change]

email-address: Lorem ipsum@dolor sit amet        [click to change]

password:  [click to change]

[click to change]    delete account:  [click and hold]

## Acceptance criteria

- When logged in user can control his account and settings

- Profile Picture:

    ◦ I should be able to upload or change my profile picture.

    ◦ The uploaded picture should be displayed in my account profile.

- Account information:

    ◦ I should be able to edit my account information, including my name and email address.

    ◦ Changes to account information should be saved and reflected in my profile.

- Deletion:

    ◦ I should be able to delete my account.

    ◦ Account deletion should result in permanent removal of my data.

# Domain model



## RESOURCE
title: string
description: string
createdAt: Date
updatedAt: Date
imgPath: string

## CATEGORY
name: string

## SUBJECT
name: string

## FILE
name: string
path: string

## USER
username: string
password: string

## PROFILE
email: string
createdAt: Date
updatedAt: Date
latestActivity: Date
bio: string
imgPath: string
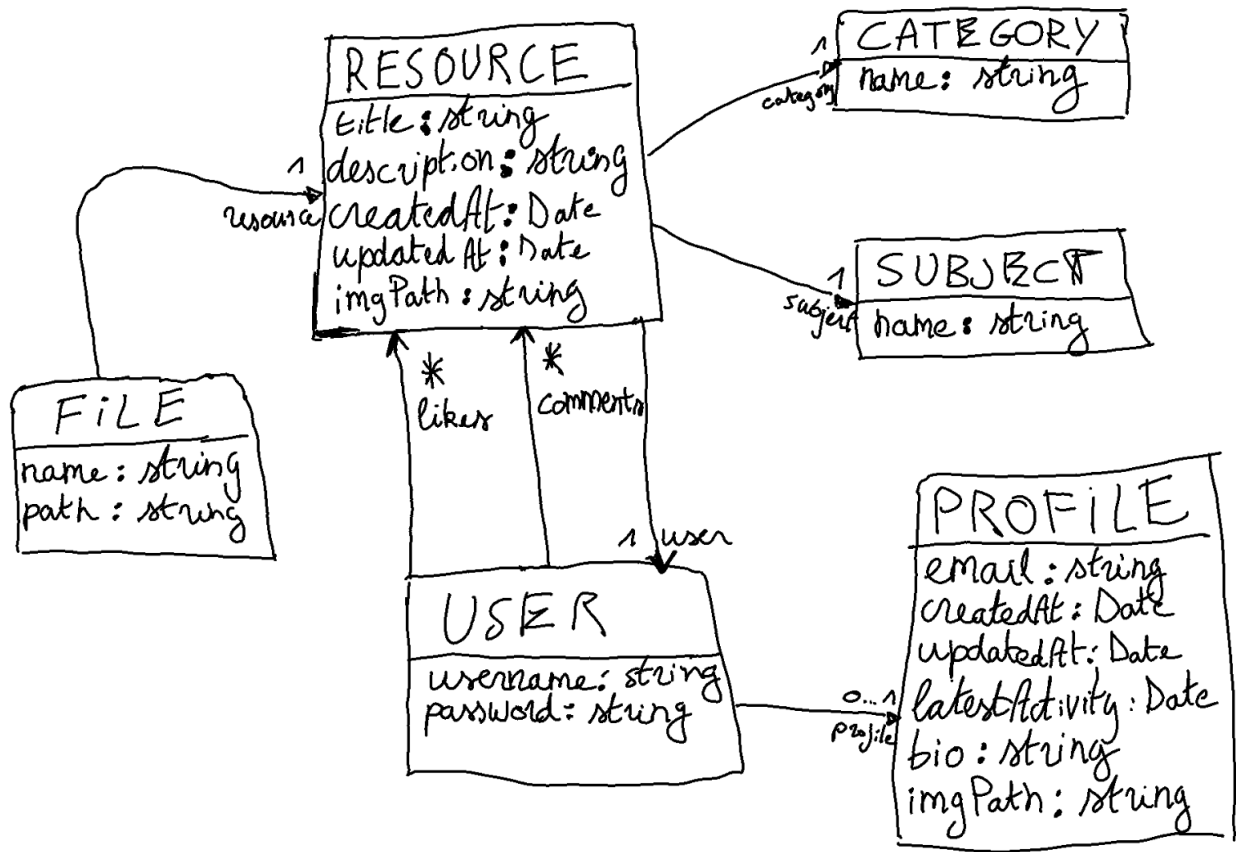
# Entity Relationship Diagram

**Profile**

| |
|---|
| id: integer |
| email: varchar(75) |
| createdAt: date |
| updatedAt: date |
| latestActivity: date |
| bio: varchar(200) |
| imgPath: varchar(100) |
| userId: integer |

userId: id

**User**

| |
|---|
| id: integer |
| username: varchar(20) |
| password: varchar(128) |

**Comment**

| |
|---|
| id: integer |
| text: varchar(300) |
| createdAt: date |
| updatedAt: date |
| resourceId: integer |
| userId: integer |

userId: id

**Like**

| |
|---|
| id: integer |
| createdAt: date |
| resourceId: integer |
| userId: integer |

userId: id

resourceId: id

creatorId: id

resourceId: id

**Resource**

| |
|---|
| id: integer |
| title: varchar(30) |
| description: varchar(500) |
| createdAt: date |
| updatedAt: date |
| imgPath: varchar(100) |
| creatorId: integer |
| subjectId: integer |
| categoryId: integer |

**File**

| |
|---|
| id: integer |
| name: varchar(30) |
| path: varchar(100) |
| resourceId: integer |

resourceId: id

subjectId: id

categoryId: id

**Subject**

| |
|---|
| id: integer |
| name: varchar(30) |

**Category**

| |
|---|
| id: integer |
| name: varchar(20) |