

Stay Organized & Study Stressfree

sTudoo helps students to organize their class related projects, keep the overview of the todos and stay on track with deadlines.

✓ Learn More

Outline

1. *Value Proposition (Problem/Solution)*
2. *Requirements Analysis*
3. *Design Decisions*
4. *Templates & Main Layout*
5. *Data Model*
6. *Main Functions (Live Session)*
7. *Optional Features*



Value Proposition: The Problem



- *One of the stressful parts of being a student is to stay organized with all the deliveries and deadlines for specific classes at the university.*
- *Wouldn't it be great to have an overview of all your current classes, their related projects and deadlines?*



Value Proposition: The Solution

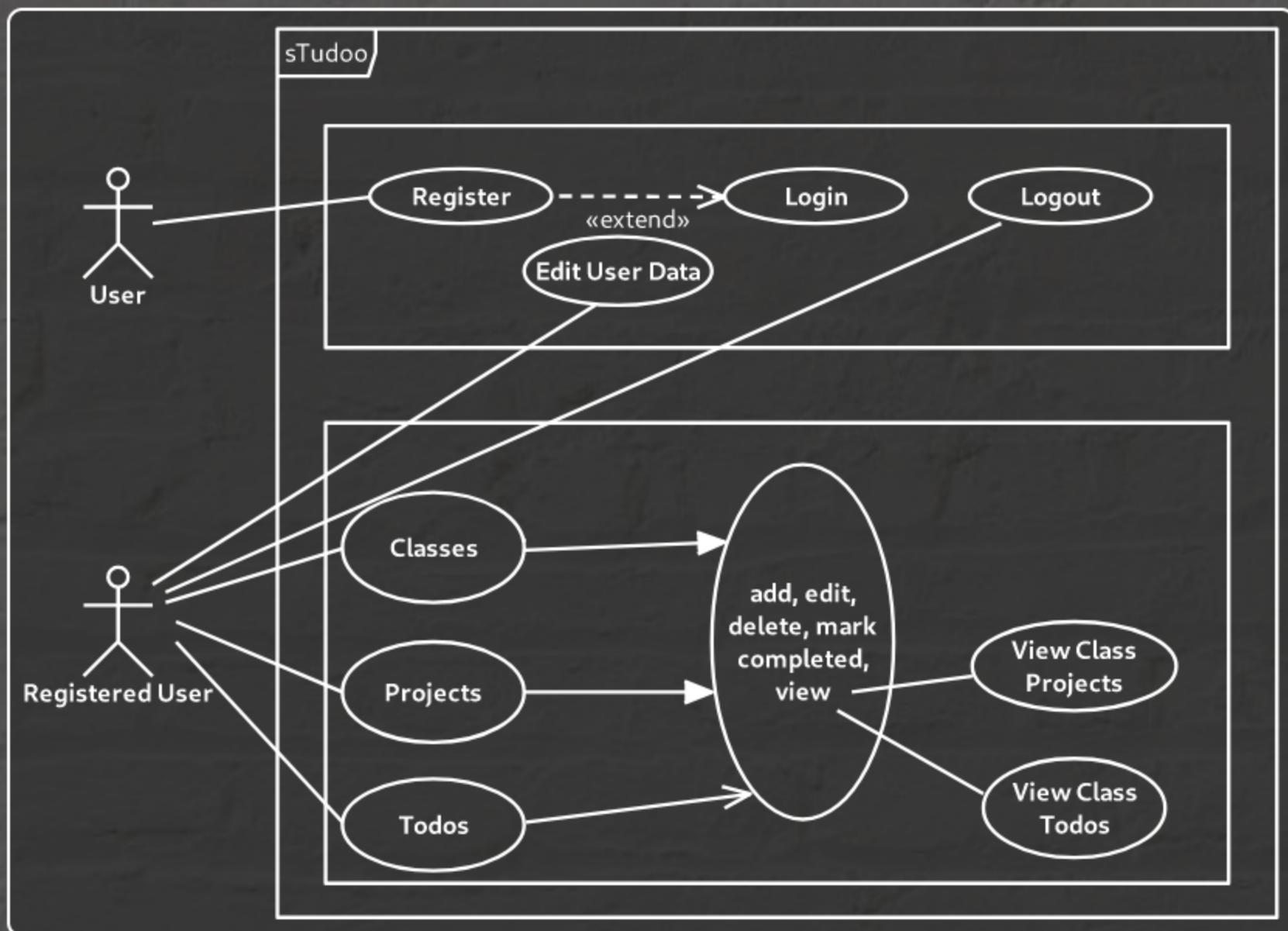


- *sTudoo allows you to add classes (aka goals) to your account.*
- *Because many courses contain several exams, it is possible to map them as projects under your classes.*
- *In each project it is possible to set submission dates and create the relevant tasks to make progress and stay on track.*



Requirements Analysis

What functions are needed to make it all happen?



Overview of sTudoo's main Features



Design Decisions

Why we did what we did?

- *1x CSS file vs. CSS Framework*
- *Unique Templates vs. Main Layout*
- *1-n Cardinality in Data Model*
- *Modularization vs. 1x app.py File*



Jinja Templates & Main Layout

```
templates
  includes
    _footer.html
    _logo_loged_in.html
    _logo.html
    _navbar_loged_in.html
    _navbar.html
    _social.html
    class_todos.html
    classes.html
    imprint.html
    index.html
    layout.html
    logedin.html
    login.html
    logout.html
    privacy.html
    project_todos.html
    projects.html
    sign_up.html
    signed_up.html
    todos.html
    user_account_delete.html
    user_account_deleted.html
    user_account.html
```

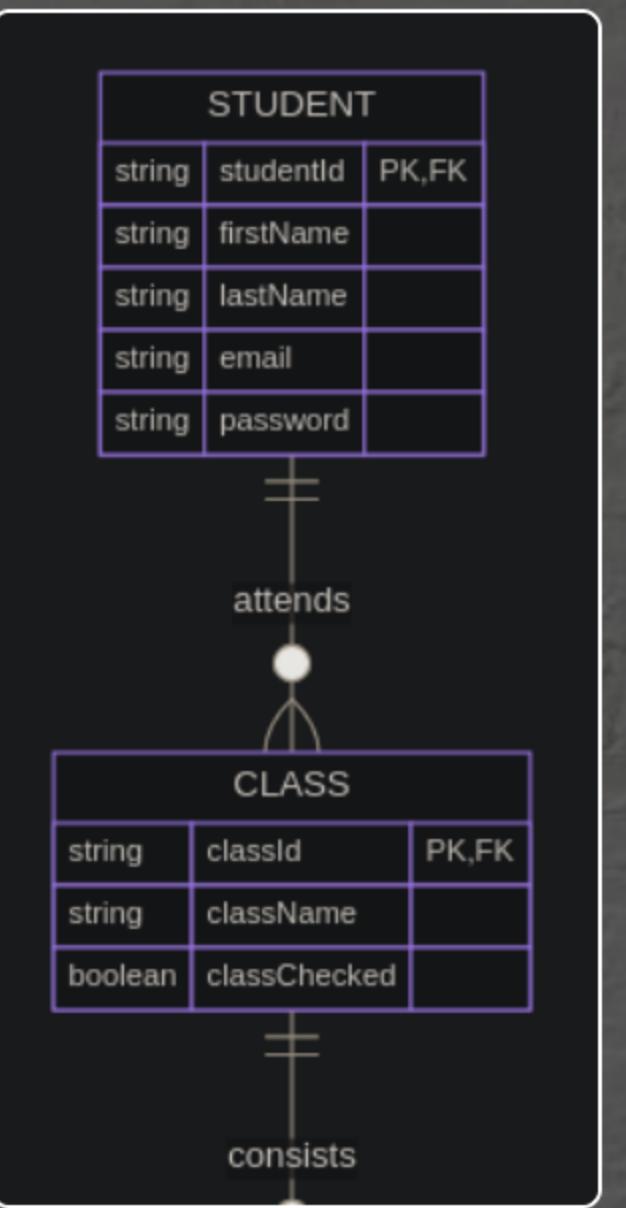
Templates Overview

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <link rel="stylesheet" href="{{url_for('static', filename ='css/style.css')}}">
7    <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Material
+Symbols+Outlined:opsz,wght,FILL,GRAD@20..48,100..700,0..1,-50..200" />
8    <script src="https://kit.fontawesome.com/29bd2ed884.js"
crossorigin="anonymous"></script>
9    <title>sTudoo - {{ title }} </title>
10   </head>
11   <body>
12     {% block body %}<br/>
13     {% endblock %}<br/>
14     {% include 'includes/_footer.html' %}<br/>
15   </body>
16 </html>
```

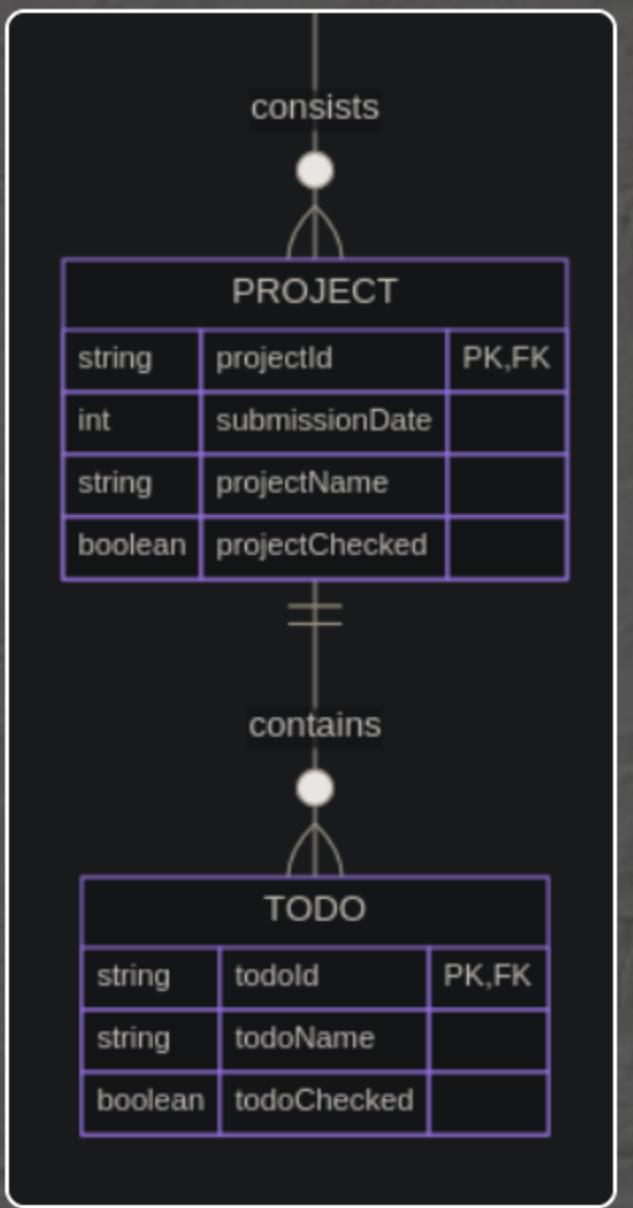
Main Layout



Data Model



ERM: Student - Classes



ERM: Projects - Todos



Main Functions (Live Session)



> Let's Go!

Optional Features

- *Pull classes via API from Universities*
- *Make app fully responsive*
- *Share projects & todos with other students*



Thank You for your Attention!



Any Questions...?