

TASKMATCH

Your All-in-One Task Management Solution



Project Motivation



- **Outsourcing** specialized tasks to **professional contractors**
- Build a functional **To do List App** to keep track of tasks
- To provide **local contractors** with **employment opportunities**

Cost Analysis



Development Costs:

- **Labor Cost:** \$53760

[8 hours * 7 people * 60 dollar per person * 16 weeks]

- **UI Design:** \$20 [figma]
- **Testing:** \$15 [django]

Monthly Operation Costs:

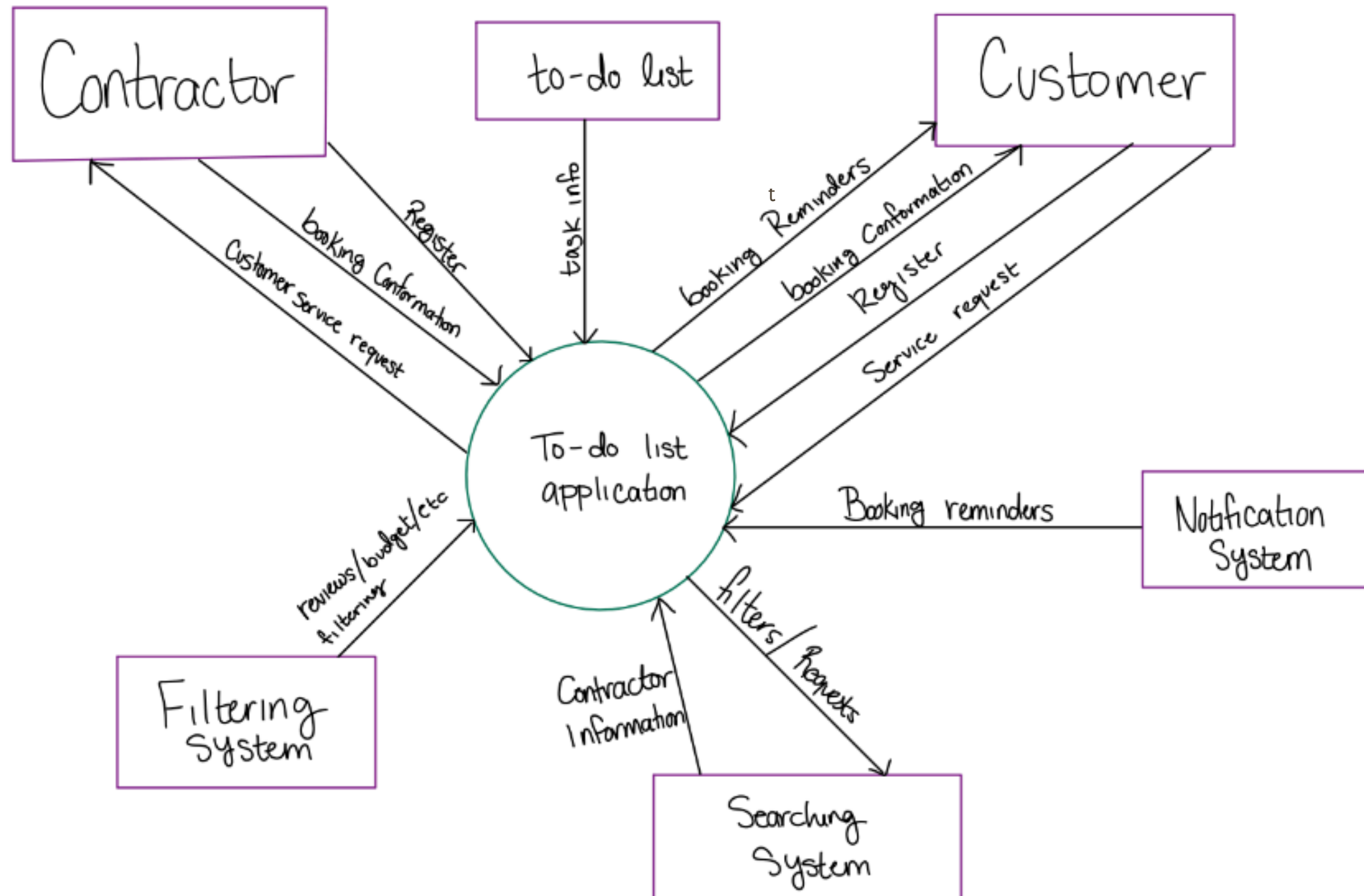
- **Backend Hosting:** \$1000
- **Frontend Hosting:** \$500
- **API Integration:** \$500
- **Azure Cloud Storage:** \$1800[1 gig per person]

S/W Components

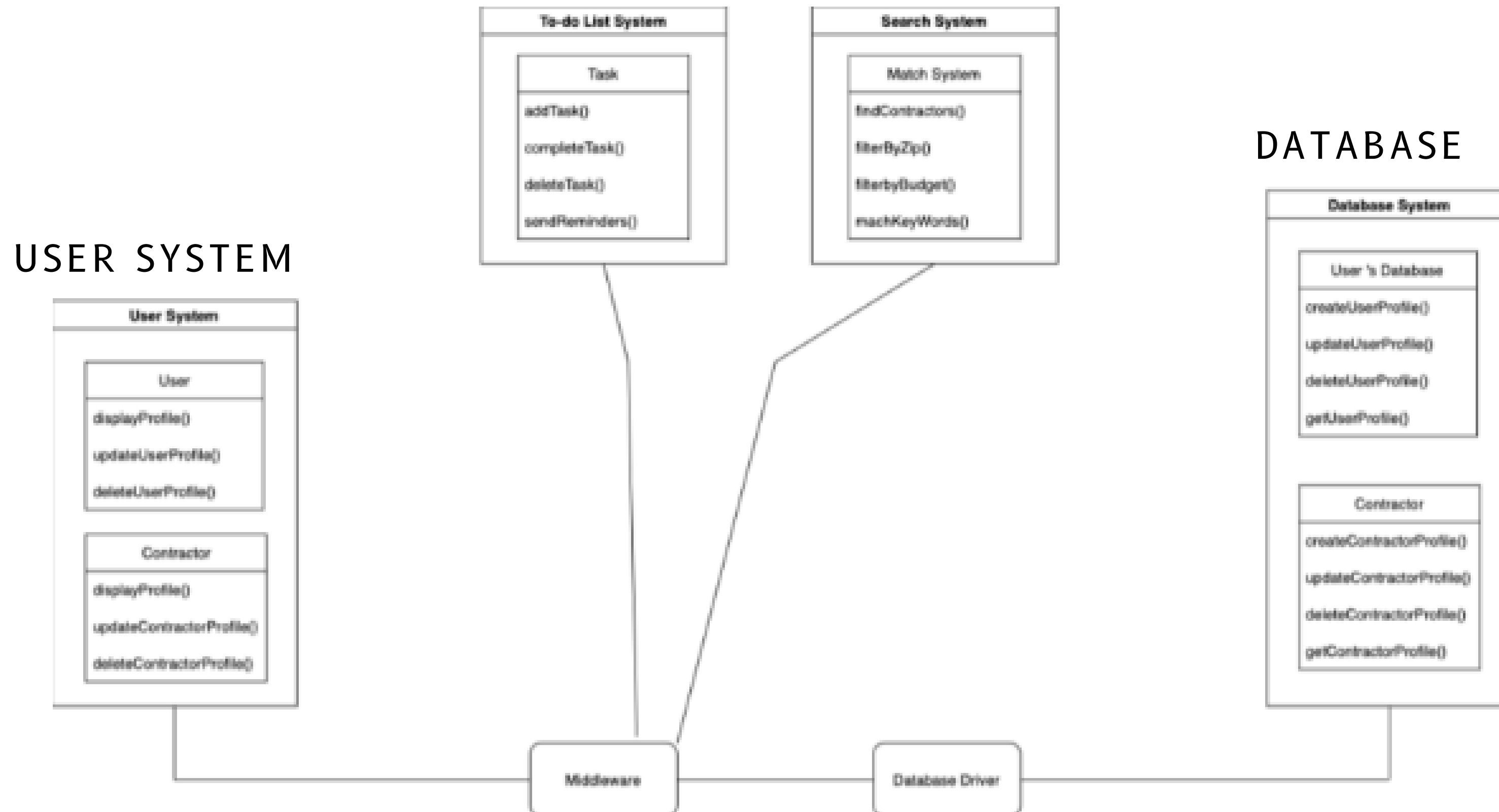


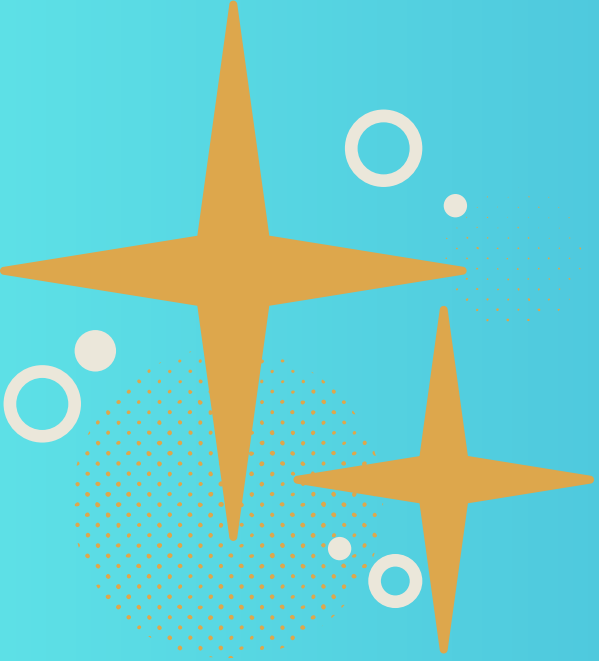
- **Python:**
 - We coded the back end in Python using the **Django REST** framework
- **React.js:**
 - Was used for the front end and to connect the back end
- **JavaScript:**
 - Used to call the API's and manage frontend logic
- **Figma:**
 - Used to design the user interface
- **Postman:**
 - Used for testing the application functionalities

Context Diagram



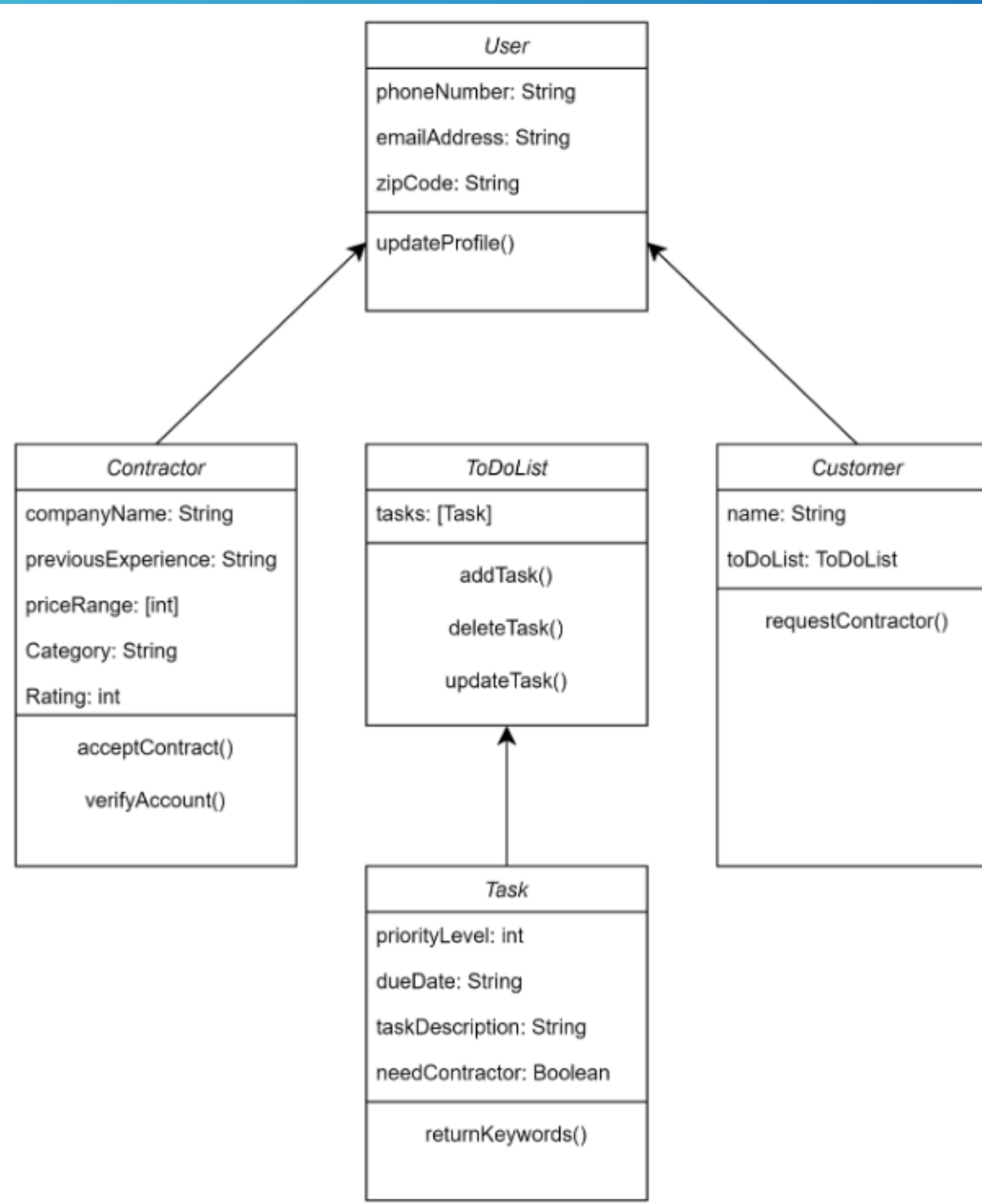
System Architecture [Logical View]





UML Classes & Associations

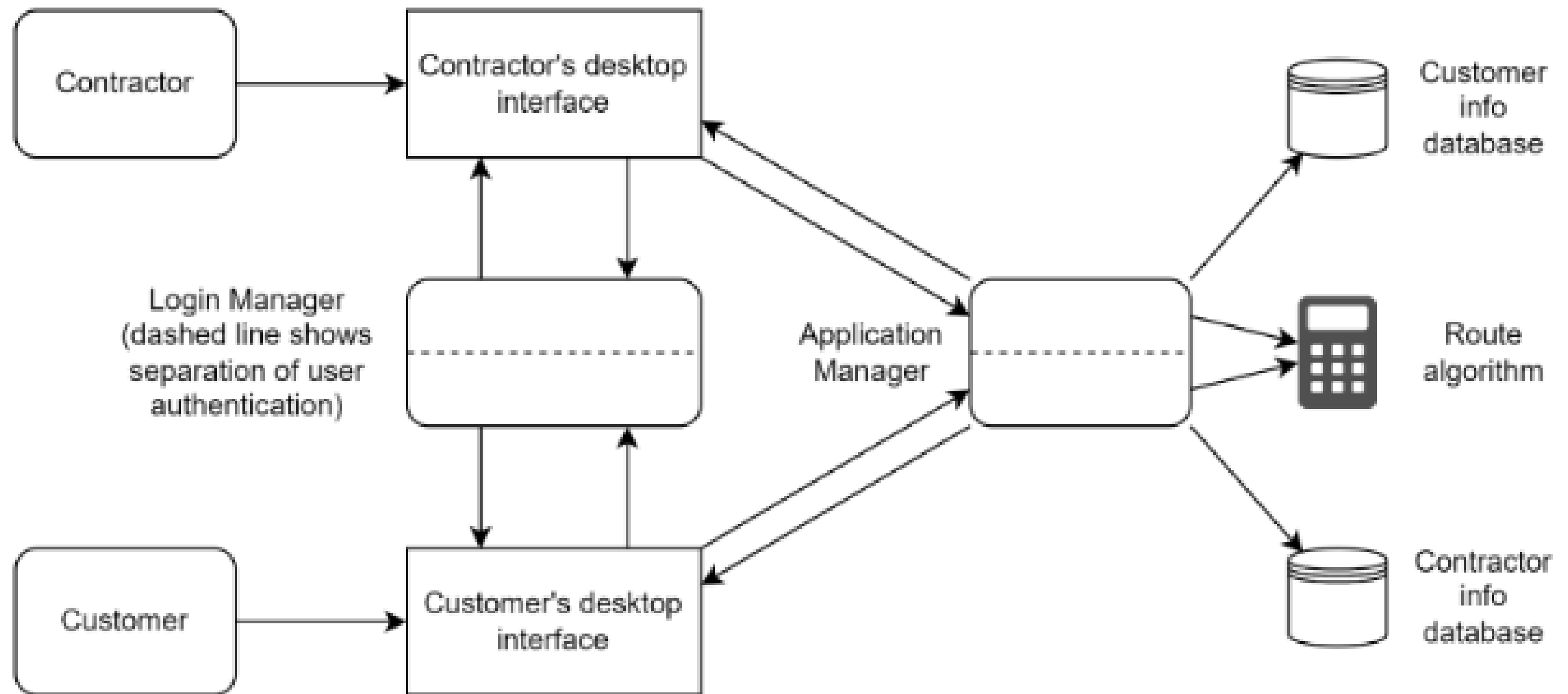
Architecture



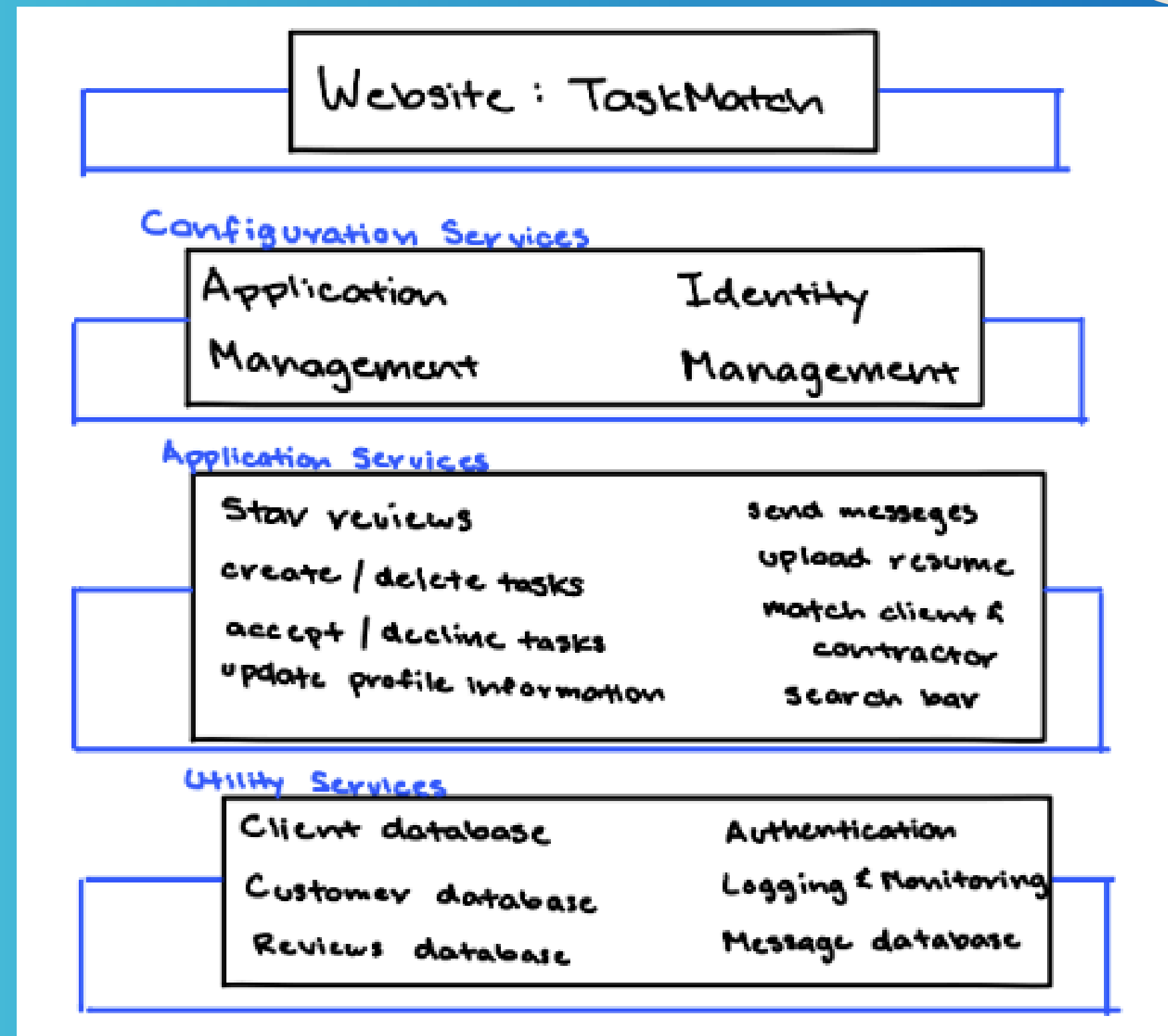
Architecture



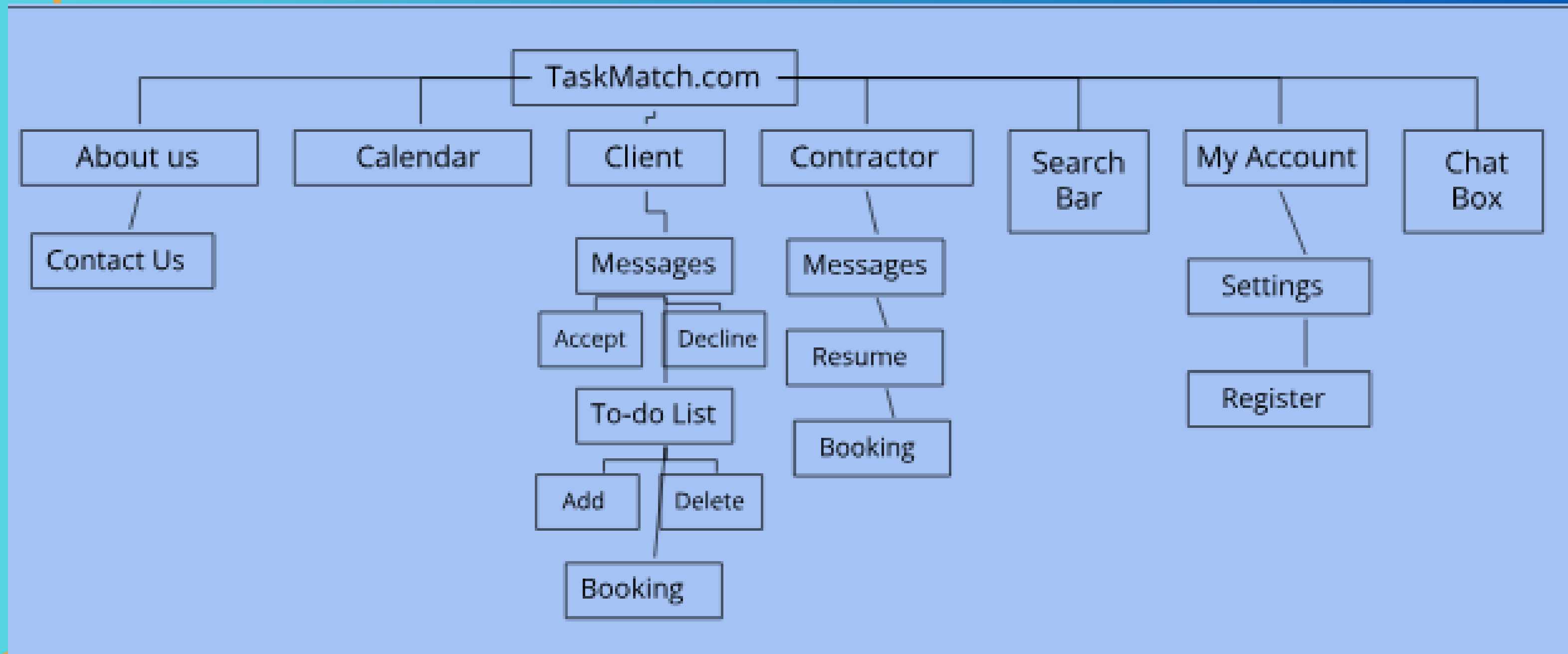
System
Architecture
[Physical
View]



Architecture



Architecture



URL for Project and Video



VIDEO

Link to the github:

<https://github.com/AnishG-git/TaskMatch.git>

Link to API documentation:

https://docs.google.com/document/d/1zbgNH57ql_V_3nf_F7vgHqkWppIK6tNKxR0UsZjB8Nw/edit?usp=sharing

Link to the demo video:

...