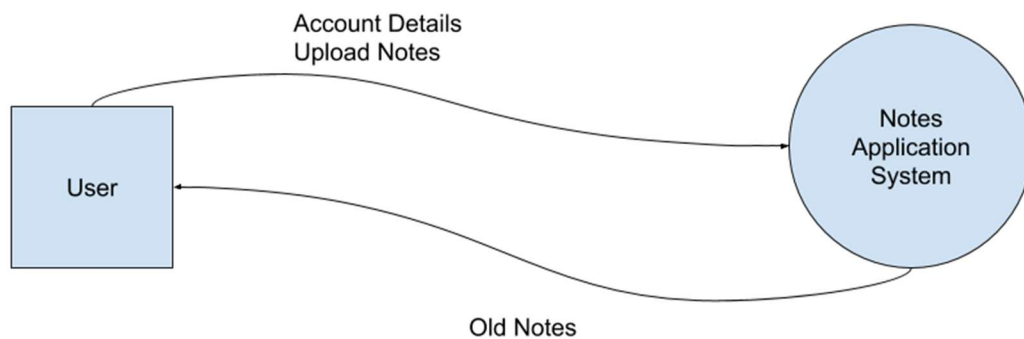


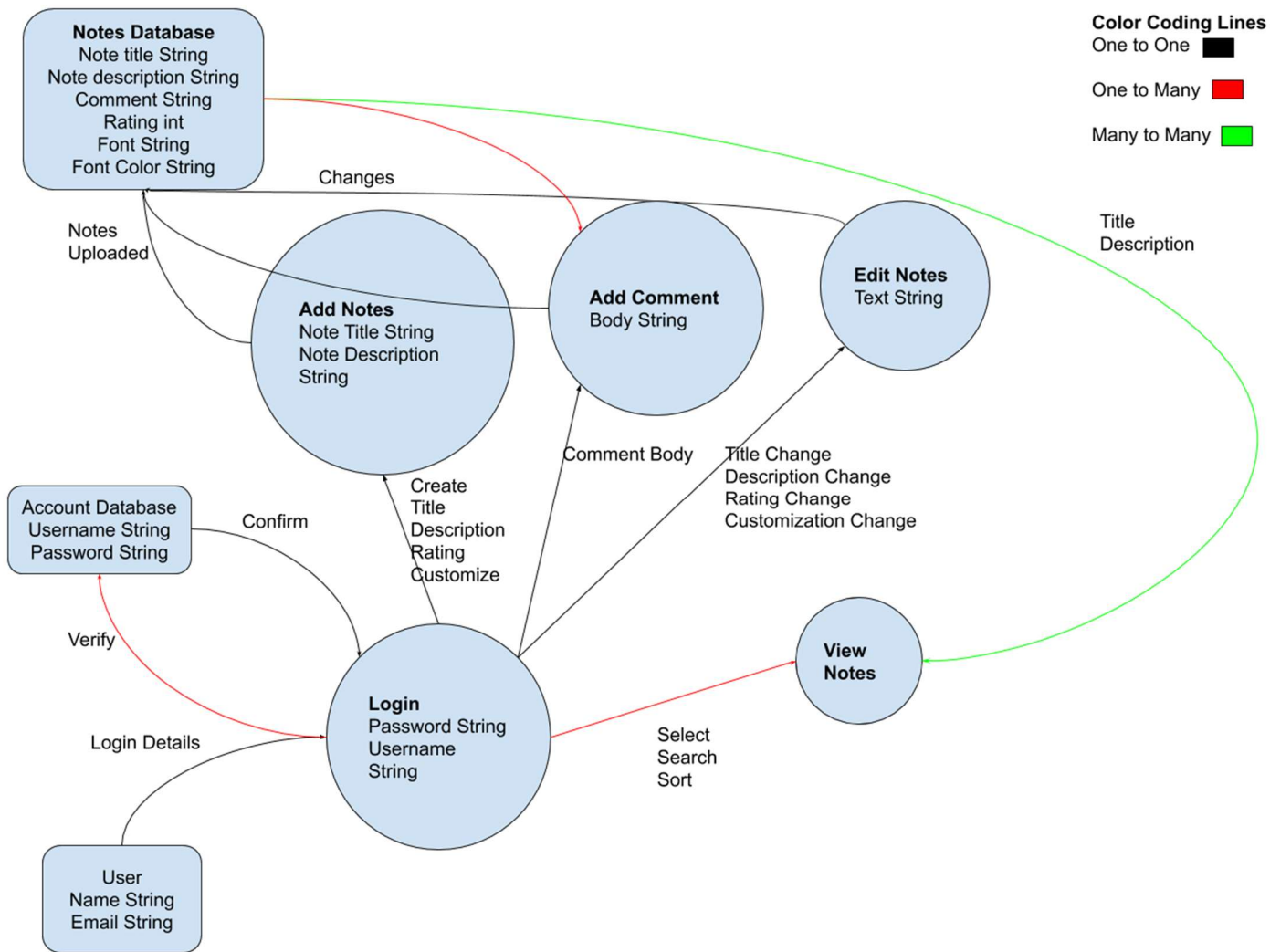
# Instructions

Add a new Google document to your group shared folder and work together on a document.

## Data Flow Diagram

(5 points) Create a context diagram and (5 points) level 1 diagram showing the flow of information and processes of the system.





## Models and Associations

(3 points) Define the models you will need in your application. Be sure to include all model attributes and model attribute data types.

(2 Points) Decide which associations between the models are appropriate using the [Basic Relationship Pattern](#)

[\(Links to an external site.\)](#)

Page.

```
class notes(Parent):
```

```

__tablename__ = 'notes'
id = Column(Integer, primary_key=True)
note = Column(String)
rating = Column(String)
comment = Column(String)
children = relationship("note", back_populates="parent")

```

```

class note(Child):
    __tablename__ = 'note'
    id = Column(Integer, primary_key=True)
    title = (String)
    body = (String)
    font= Column(String)
    fontcolor = Column(String)
    fontsize = Column(Integer)
    comment = Column(String)
    rating = (Integer?)
    parent_id = Column(Integer, ForeignKey('notes.id'))
    parent = relationship("notes", back_populates="children")
    children = relationship("rating, comment", back_populates="children")

```

```

class rating(Child):
    __tablename__ = 'Rating'
    id = Column(Integer, primary_key=True)
    rating = (Integer)
    parent_id = Column(Integer, ForeignKey('parent.id'))
    parent = relationship("note", back_populates="rating")

```

```

class comment(Base):
    __tablename__ = 'comment'
    id = Column(Integer, primary_key=True)
    body(String)
    parent_id = Column(Integer, ForeignKey('parent.id'))
    parents = relationship("note", back_populates="comment")

```

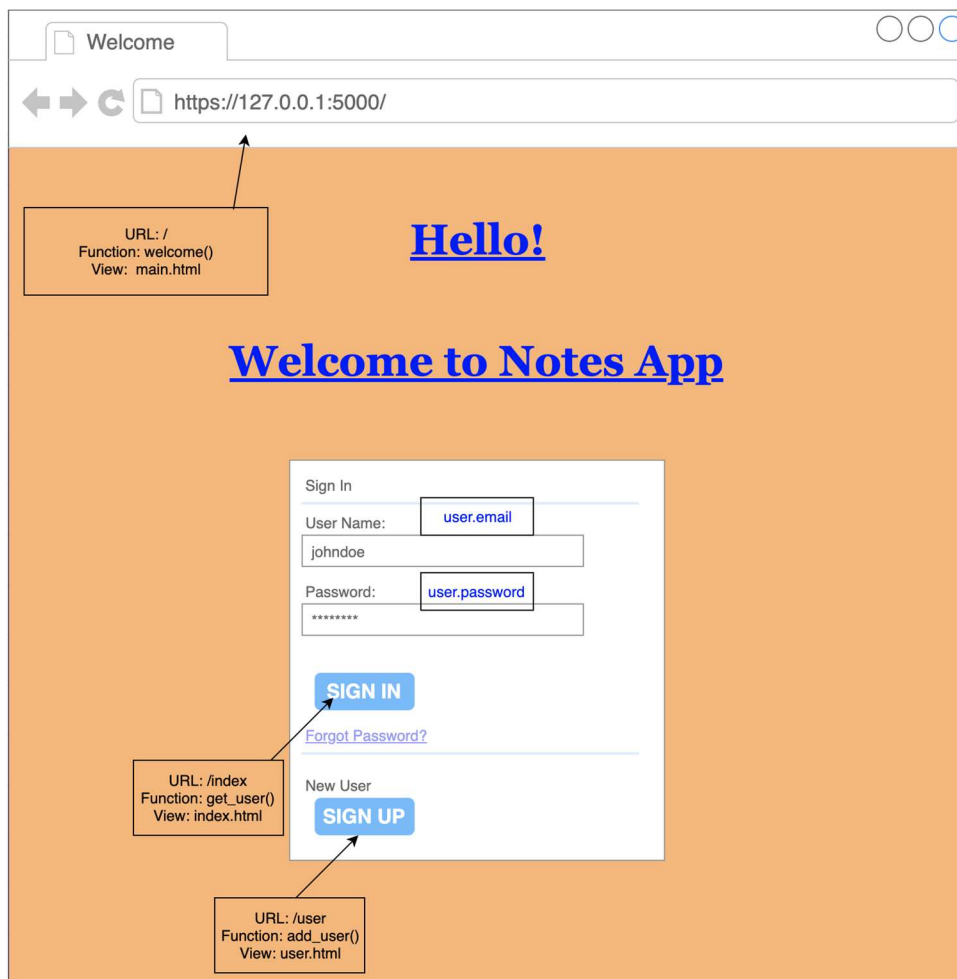
Add these associations to your document.

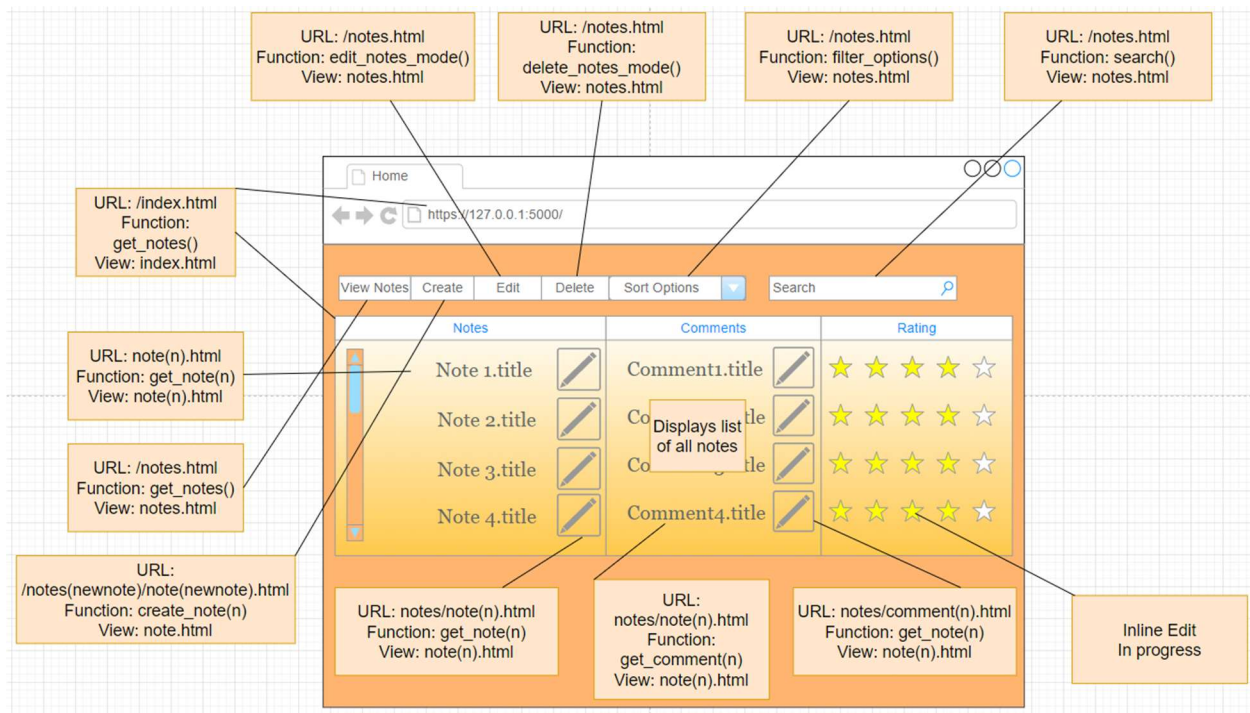
## Update Lo-Fi UI prototypes

Label each of your Lo-Fi UI prototypes with the below information and paste them into the document. Again, Google slides will allow you to easily label images.

- 1 - (2 points) function name for any UIs that will correspond to a route.
- 2 - (3 points) View name -- e.g., index.html
- 3 - (3 points) Database field names for all input fields. These would represent the properties/fields/attributes of your models.
- 4 - (2 points) route action (method) for any buttons or links that correspond with actions in the app. i.e. A "show" link may correspond with the show method in a particular route. Remember your CRUD actions!

Paste screenshots of each of your labelled UIs into this section of your project document.





User Registration

https://127.0.0.1:5000/user

## Create Your Account

First Name   
John

Last Name   
Doe

Password   
\*\*\*\*\*

Email   
 johndoe@email.com

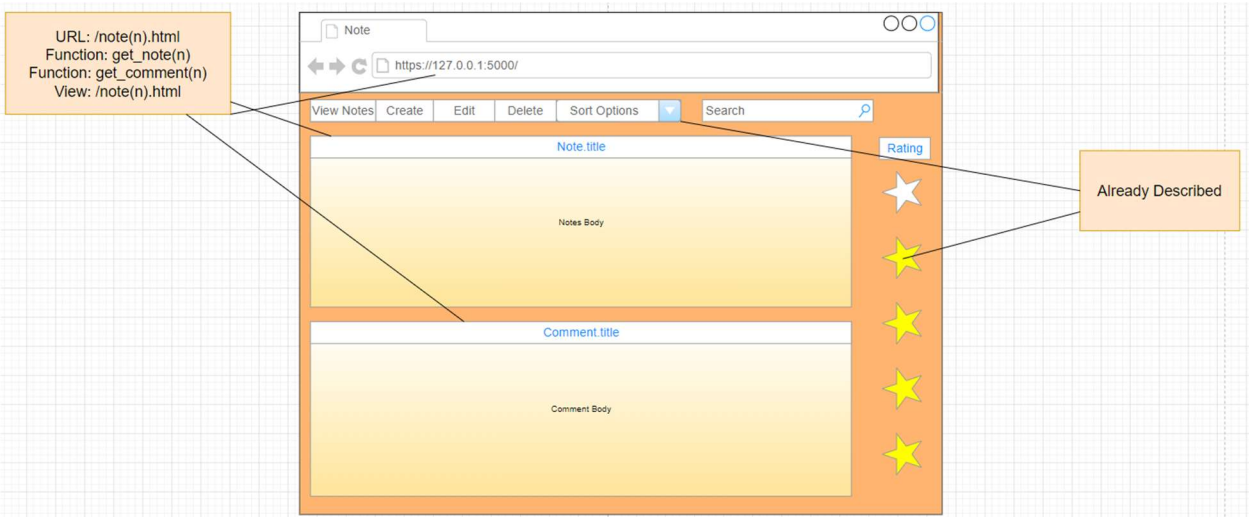
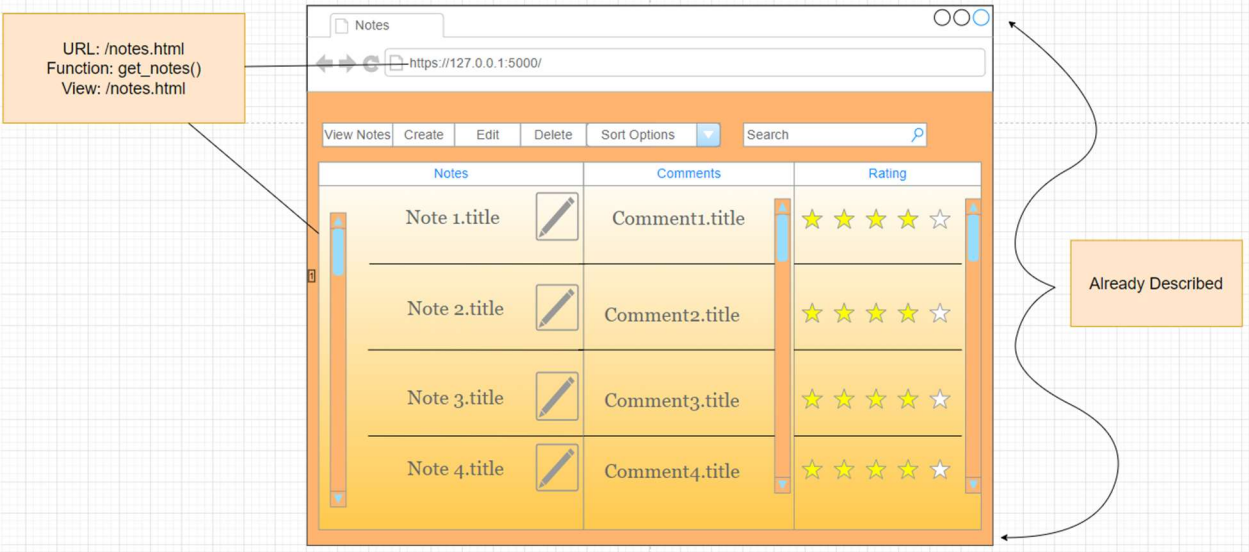
☐ Agree to Terms

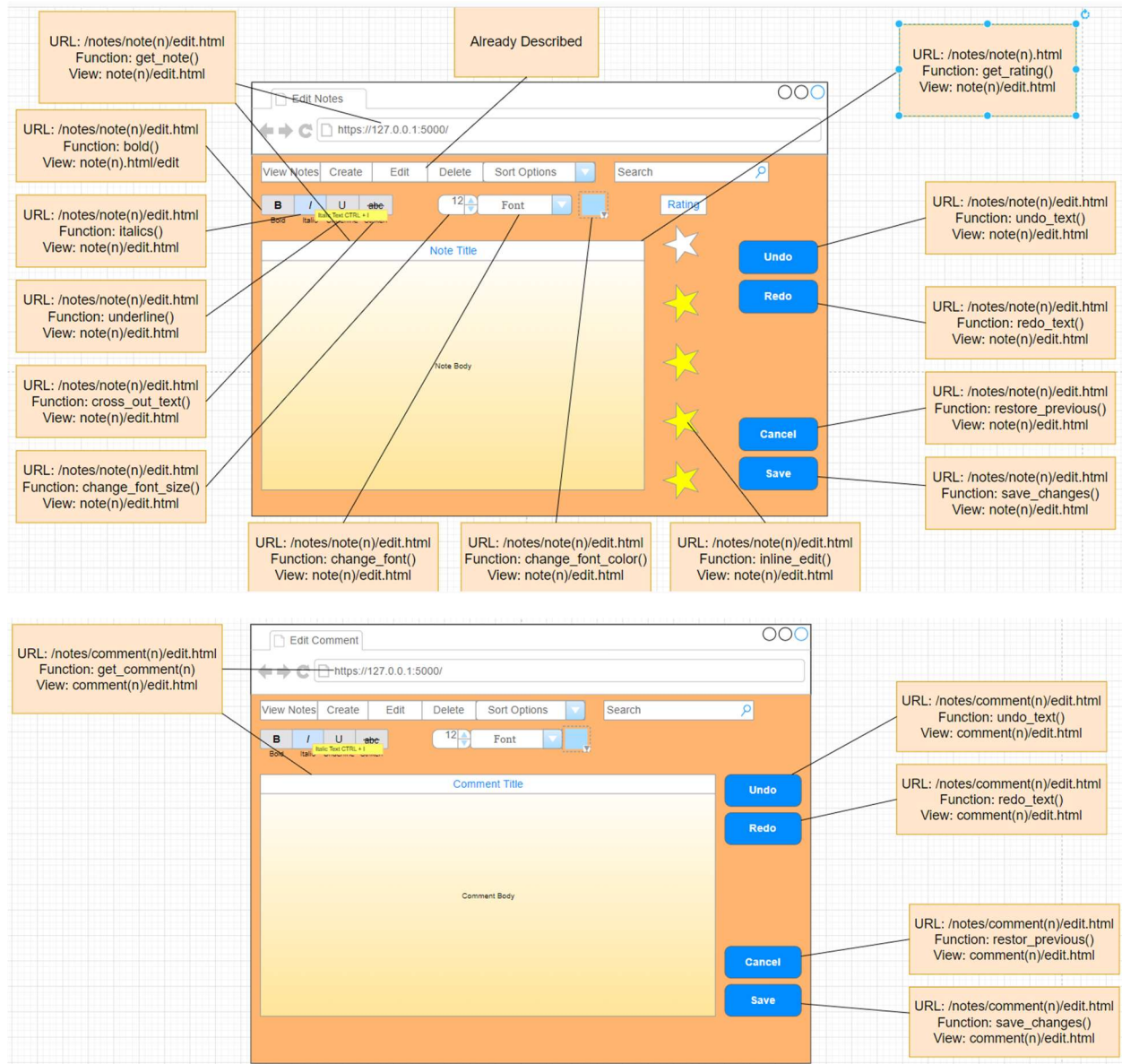
**SIGN UP**

[Back](#)

URL: /  
Function: add\_user()  
view: main.html

URL: /  
Function: welcome()  
view: main.html





# Submission

Export your Google document as a PDF and have ONE member of your group submit it to this assignment.