

## Project Summary

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Git: <https://github.com/jnnofrada/finsta.git>

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Team Members: 1

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### 1. Feature 1

- a. Project 12: Add Friend Group
- b. Jeremiah Nofrada

```
#Project 12
@app.route("/groups", methods=["GET"])
@login_required
def add_friendgroup(test_user):
    group_name = input("New Group Name: ")
    with connection.cursor() as cursor:
        find_query = "SELECT groupName" \
                     "FROM Friendgroup" \
                     "WHERE" \
                     " ( SELECT username" \
                     "   FROM Person" \
                     "   WHERE username = %s" \
                     " )"
        cursor.execute(find_query, test_user)
        find_data = cursor.fetchall()
        if (find_data is None):
            message = "Group created"
            query = "INSERT INTO Friendgroup (groupOwner, groupName)" \
                   "VALUES (%s, %s)"
            cursor.execute(query, test_user, group_name)
            return render_template("groups.html", message=message)
        if (find_data is not None):
            message = "Group already exists"
            return render_template("groups.html", message=message)
```

- c.
- d. Function commented with "Project 12"
- e.

### 2. Feature 2

- a. Project 13
- b. Jeremiah Nofrada

```

#Project 13
@app.route("/newFriend", methods=["GET"])
@login_required
def add_friend(test_user):
    new_friend = input("Username of the new friend? ")
    friend_group = input("Add to which group: ")
    with connection.cursor() as cursor:
        find_query = "SELECT groupName" \
                     "FROM Friendgroup" \
                     "WHERE groupOwner = %s"
        cursor.execute(find_query, test_user)
        find_data = cursor.fetchall()
        find_user = "SELECT member_username" \
                   "FROM BelongTo" \
                   "WHERE member_username = %s"
        cursor.execute(find_user, new_friend)
        user = cursor.fetchall()
        if (find_data is not None) and (user is None):
            message = "Friend added"
            query = "INSERT INTO BelongTo (member_username, owner_username, groupName)" \
                   "VALUES (%s, %s, %s)"
            cursor.execute(query, new_friend, test_user, friend_group)
            return render_template("newFriend.html", message=message)
        elif (find_data is None):
            message = "Group does not exist"
            return render_template("newFriend.html", message=message)
        elif (user is not None):
            message = "Member already in group"
            return render_template("newFriend.html", message=message)

```

- c.
- d. Function commented with "Project 13"
- e.

3.