SneakerHeadz Release Summary

Team members

Name and Student id	GitHub id	The number of story points (or ideal hours for tasks) that a member was an **author**.
Kennedy Keyes kfk38	CodingKen02	606 ideal hours for tasks
Ander Talley ajt432	MaverickDSmith	309 ideal hours for tasks
Ehren Achtermann eta55	eta55	414 ideal hours for tasks
Austin Wheeler aaw345	LaBrav0 (ex OGkoding)	105 ideal hours for tasks
Trey Fullwood rf802	TreyPilgrim	48 ideal hours for tasks

Project summary:

> **Elevator Pitch:** SneakerHeadz is a peer-to-peer online marketplace where sneaker enthusiasts can buy and sell shoes directly with each other. Our platform ensures a safe and authentic shopping experience by providing admin supervision of transactions, users, and listings. Whether you're looking to sell a pair of shoes that you no longer wear or snag a great deal on a coveted style, SneakerHeadz has got you covered. Join our community of like-minded sneakerheads today.

Velocity and a list of user stories and non-story tasks for each iteration

Total: 11 stories, 1,482 points over 15 weeks

[User Stories · CodingKen02/Group-10 Wiki (github.com)]

Iteration 1: Sprint 1 Milestone (github.com) (0 stories, 60 points)

No user stories implemented in sprint 1. SRS document implemented.

Iteration 2: Sprint 2 Milestone (github.com) (0 stories, 234 points)

No user stories implemented in sprint 2. Diagrams implemented.

Iteration 3: Sprint 3 Milestone (github.com) (5 stories, 375 points)

US #2: Buying [100 points] [Status: Splitted]

US #3: Selling [100 points] [Status: Splitted]

US #5: Login [75 points] [Status: Done]

US #6: Logout [75 points] [Status: Done]

US #8: Profile Customization [25 points] [Status: Splitted]

Iteration 4: Sprint 4 Milestone (github.com) Release (9 stories, 829 points)

US #1: Searching [150 points] [Status: Done]

US #2: Buying [150 points] [Status: Splitted]

US #3: Selling [150 points] [Status: Splitted]

US #4: Deleting Account [50 points] [Status: Done]

US #7: Return [50 points] [Status: Done]

US #8: Profile Customization [25 points] [Status: Splitted]

US #9: Admin Backlog [112 points] [Status: Done]

US #10: Admin Delete [63 points] [Status: Done]

US #11: Admin Ban [63 points] [Status: Done]

Overall Arch and Design

The overall architecture (block diagram) in our system with an architecture diagram.

Architectural Design Diagram · CodingKen02/Group-10 Wiki (github.com)

The UML class diagram for our system.

UML Class Diagram · CodingKen02/Group-10 Wiki (github.com)

Infrastructure

Python: 3.11.3 Documentation (python.org)

We are using Python because Python has popular frameworks to use in integration as well as versatility when using other libraries.

Other alternatives were JavaScript, Ruby, and PHP. The team had the most knowledge with Python, so we chose that language for backend.

HTML/CSS: HTML Tutorial (w3schools.com)

We chose HTML/CSS for the frontend because HTML/CSS is simplistic, and has high browser compatibility.

Other alternatives were JavaScript, Angular, and React. The team had the most knowledge with HTML/CSS, so we chose that Language for frontend.

Flask: Welcome to Flask — Flask Documentation (2.3.x) (palletsprojects.com)

Flask is flexible and has a modular design allowing the integration with Python to be easy.

Other alternatives were Django, Pyramid, and Bottle. The team was recommended by the TA to use Flask for its ease of use and integration.

SQLAlchemy: SQLAlchemy - The Database Toolkit for Python

SQLAlchemy integrates its database features well with Python.

Other Alternatives were MySQL, Django, and Peewee. The team used SQLAlchemy because of the ease of integration with Python.

CircleCI: Continuous Integration and Delivery - CircleCI

CircleCI has a relatively easy setup.

Other alternatives were GitLab, Jenkins, and Travis CI. The team was recommended by the TA to use CircleCI.

Heroku: Cloud Application Platform | Heroku

Heroku has a relatively easy setup compared with other cloud platforms.

Other alternatives were AWS and GitHub Pages. However, AWS was a bit tricky to learn in a timely manner and GitHub Pages worked only with documents in the root directory. Heroku was simple by syncing the github branch and pressing deploy for it to work.

Name Conventions

HTML/CSS: HTML Style Guide and Coding Conventions (w3schools.com)

- CSS Naming Conventions that Will Save You Hours of Debugging (freecodecamp.org)

Python/Flask/pytest: PEP 8 – Style Guide for Python Code | peps.python.org

- Pocoo Styleguide — Flask Documentation (1.1.x) (palletsprojects.com)
- Good Integration Practices — pytest documentation

SQLAlchemy: Defining Constraints and Indexes — SQLAlchemy 2.0 Documentation

CircleCI: Configuration reference - CircleCI

Heroku: Heroku Dev Center Style Guidelines | Heroku Dev Center

Code

Key files: top **5** most important files (full path). We will also be randomly checking the code quality of files. Please let us know if there are parts of the system that are stubs or are a prototype so we grade these accordingly.

File path with a clickable GitHub link	Purpose (1 line description)
source/app.py	Has all of the functions for the website
source/models.py	Stores the base models for the database
source/templates/base.html	Is the base of the website
instance/create_db.py	Creates the primary shoe database

source/templates/account.html	Gives more access to the logged in users

Testing and Continuous Integration

Each story needs a test before it is complete. If some classes/methods are missing unit tests, please describe why and how you are checking their quality. Please describe any unusual/unique aspects of your testing approach.

List the **5** most important unit tests with links below.

Test File path with clickable GitHub link	What is it testing (1 line description)
testing/test_search.py	Testing the search function
testing/test_userlogin.py	Testing the logging in to/out of the website
testing/test_database.py	Testing the ability to use the database
testing/test_useraccount.py	Testing the user account's functions
testing/test_app.py	Testing the main website's functions

List the **5** most important acceptance tests with links below.

Test File path (if you automated the test) or as comments in Github issues (if it's done manually) with clickable GitHub link	Which user story is it testing (1 line description)
issues/Acceptance Testing Criteria 1	User Story 1

issues/Acceptance Testing Criteria 2	User Stories 5 + 6
issues/Acceptance Testing Criteria 3	User Stories 2 + 3
issues/Acceptance Testing Criteria 4	User Story 7 + 8
issues/Acceptance Testing Criteria 5	User Stories 9 + 10 + 11

Describe your continuous integration environment:

> The team chose to use CircleCI because of the easy integration and it allows for us to automate the testing process. Pytest and github were easily implemented within CircleCI. CircleCI required us to include a requirements.txt and a config.yml file to allow us to use dependencies like Flask, Python, etc. Pipelines - CodingKen02/Group-10 (circleci.com)

Describe the choice of the static analysis tool and how you run it:

> The team chose Flake8 since it was fairly simple to understand and use. We integrated the tool through CircleCI. CircleCI just runs Flake8 after the pytests are run.

Static Analysis Tool Report (Pick 10 to address):

./source/AddListing.py:23:5: E306 expected 1 blank line before a nested definition, found 0
./source/app.py:36:1: E305 expected 2 blank lines after class or function definition, found 1
./source/app.py:270:22: E251 unexpected spaces around keyword / parameter equals
./source/createaccount.py:37:24: W292 no newline at end of file
./source/order_overview.py:6:1: E303 too many blank lines (3)
./source/order_overview.py:14:1: W293 blank line contains whitespace
./source/payment.py:6:1: E302 expected 2 blank lines, found 0
./source/payment.py:10:1: E302 expected 2 blank lines, found 1
./source/models.py:5:1: F401 'flask_login.current_user' imported but unused
./source/instance/SneakerHeadz_db.py:4:1: F401 'sqlalchemy.ext.declarative.declarative_base' imported but unused

A lot of the problems have random whitespace, and some of the libraries are not being used. We understand having random space is not ideal and things need to be removed properly.

Appendix (Static Analysis Tool Report):

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Circle CI Static Analysis Tool Report:
./source/AddListing.py:5:1: E302 expected 2 blank lines, found 1
./source/AddListing.py:17:1: E302 expected 2 blank lines, found 1
./source/AddListing.py:23:5: E306 expected 1 blank line before a nested definition, found 0
./source/AddListing.py:37:1: E302 expected 2 blank lines, found 1
./source/AddListing.py:41:100: W291 trailing whitespace
./source/AddListing.py:52:52: W291 trailing whitespace
./source/AddListing.py:58:1: W293 blank line contains whitespace
./source/AddListing.py:59:1: E305 expected 2 blank lines after class or function definition, found 1
./source/SneakerHeadz-example-data.py:2:11: F821 undefined name 'Session'
./source/SneakerHeadz-example-data.py:5:9: F821 undefined name 'User'
./source/SneakerHeadz-example-data.py:6:9: F821 undefined name 'User'
./source/SneakerHeadz-example-data.py:7:9: F821 undefined name 'User'
./source/SneakerHeadz-example-data.py:12:9: F821 undefined name 'Shoe'
./source/SneakerHeadz-example-data.py:13:9: F821 undefined name 'Shoe'
./source/SneakerHeadz-example-data.py:14:9: F821 undefined name 'Shoe'
./source/SneakerHeadz-example-data.py:15:9: F821 undefined name 'Shoe'
./source/SneakerHeadz-example-data.py:16:9: F821 undefined name 'Shoe'
./source/SneakerHeadz-example-data.py:17:9: F821 undefined name 'Shoe'
./source/app.py:3:1: F401 'flask_sqlalchemy.SQLAlchemy' imported but unused
./source/app.py:4:1: F401 'werkzeug.security.generate_password_hash' imported but unused
./source/app.py:4:1: F401 'werkzeug.security.check_password_hash' imported but unused
./source/app.py:5:1: F401 'flask_login.LoginManager' imported but unused
./source/app.py:5:1: F401 'flask_login.UserMixin' imported but unused
./source/app.py:5:1: F401 'flask_login.login_required' imported but unused
./source/app.py:22:1: E302 expected 2 blank lines, found 1
./source/app.py:32:1: E302 expected 2 blank lines, found 1
./source/app.py:36:1: E305 expected 2 blank lines after class or function definition, found 1
./source/app.py:45:1: E302 expected 2 blank lines, found 1
./source/app.py:75:1: E302 expected 2 blank lines, found 1
./source/app.py:75:29: E261 at least two spaces before inline comment
./source/app.py:80:36: E231 missing whitespace after ','
./source/app.py:84:1: W293 blank line contains whitespace
./source/app.py:87:42: E251 unexpected spaces around keyword / parameter equals
./source/app.py:87:44: E251 unexpected spaces around keyword / parameter equals
./source/app.py:90:29: W291 trailing whitespace
./source/app.py:92:1: W293 blank line contains whitespace
./source/app.py:95:1: E302 expected 2 blank lines, found 1
./source/app.py:99:1: W293 blank line contains whitespace
./source/app.py:104:1: W293 blank line contains whitespace
./source/app.py:107:1: W293 blank line contains whitespace
./source/app.py:115:1: E302 expected 2 blank lines, found 1
./source/app.py:119:1: E302 expected 2 blank lines, found 1
./source/app.py:121:9: E117 over-indented
./source/app.py:124:1: E302 expected 2 blank lines, found 1
./source/app.py:126:9: E117 over-indented
./source/app.py:129:1: E302 expected 2 blank lines, found 1
./source/app.py:136:1: E302 expected 2 blank lines, found 1
./source/app.py:136:76: E261 at least two spaces before inline comment
./source/app.py:145:1: E302 expected 2 blank lines, found 1
./source/app.py:145:60: E261 at least two spaces before inline comment
./source/app.py:149:100: W291 trailing whitespace
./source/app.py:153:9: F841 local variable 'images' is assigned to but never used
./source/app.py:158:13: E116 unexpected indentation (comment)
./source/app.py:159:13: E116 unexpected indentation (comment)
./source/app.py:160:13: E116 unexpected indentation (comment)
./source/app.py:161:52: W291 trailing whitespace
./source/app.py:164:1: W293 blank line contains whitespace
./source/app.py:170:1: E265 block comment should start with '# '
./source/app.py:171:16: E261 at least two spaces before inline comment
./source/app.py:179:1: E302 expected 2 blank lines, found 1
./source/app.py:179:40: E261 at least two spaces before inline comment
./source/app.py:184:1: E302 expected 2 blank lines, found 1
./source/app.py:199:1: E302 expected 2 blank lines, found 1
./source/app.py:220:1: E302 expected 2 blank lines, found 1
./source/app.py:226:1: E302 expected 2 blank lines, found 1
./source/app.py:234:1: E265 block comment should start with '# '
./source/app.py:236:47: E261 at least two spaces before inline comment
./source/app.py:236:48: E262 inline comment should start with '# '
./source/app.py:251:5: E265 block comment should start with '# '
./source/app.py:251:87: W291 trailing whitespace
./source/app.py:252:5: E265 block comment should start with '# '
./source/app.py:252:107: W291 trailing whitespace
./source/app.py:253:5: E265 block comment should start with '# '
./source/app.py:253:121: W291 trailing whitespace
./source/app.py:254:5: E265 block comment should start with '# '
./source/app.py:270:22: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:24: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:40: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:42: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:64: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:66: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:93: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:95: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:110: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:112: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:125: E251 unexpected spaces around keyword / parameter equals
./source/app.py:270:127: E251 unexpected spaces around keyword / parameter equals
./source/app.py:281:1: E302 expected 2 blank lines, found 1
./source/app.py:290:1: E302 expected 2 blank lines, found 1
./source/app.py:300:107: W291 trailing whitespace
./source/app.py:307:1: E303 too many blank lines (3)
./source/app.py:307:24: E261 at least two spaces before inline comment
./source/app.py:311:1: E302 expected 2 blank lines, found 1
./source/app.py:313:9: E117 over-indented
./source/app.py:315:1: E302 expected 2 blank lines, found 1
./source/app.py:332:1: E302 expected 2 blank lines, found 1
./source/app.py:336:1: E302 expected 2 blank lines, found 1
./source/app.py:340:1: E302 expected 2 blank lines, found 1
./source/app.py:344:1: E302 expected 2 blank lines, found 1
./source/app.py:348:1: E302 expected 2 blank lines, found 1
./source/app.py:353:1: E305 expected 2 blank lines after class or function definition, found 1
./source/createaccount.py:7:1: E265 block comment should start with '# '
./source/createaccount.py:8:1: E302 expected 2 blank lines, found 0
./source/createaccount.py:8:25: E261 at least two spaces before inline comment
./source/createaccount.py:8:26: E262 inline comment should start with '# '
./source/createaccount.py:14:24: E261 at least two spaces before inline comment
./source/createaccount.py:14:25: E262 inline comment should start with '# '
./source/createaccount.py:17:1: E302 expected 2 blank lines, found 1
./source/createaccount.py:18:12: E261 at least two spaces before inline comment
./source/createaccount.py:18:13: E262 inline comment should start with '# '
./source/createaccount.py:18:69: W291 trailing whitespace
./source/createaccount.py:21:1: E302 expected 2 blank lines, found 1
./source/createaccount.py:23:1: E115 expected an indented block (comment)
./source/createaccount.py:23:1: E265 block comment should start with '# '
./source/createaccount.py:34:1: E305 expected 2 blank lines after class or function definition, found 1
./source/createaccount.py:37:24: W292 no newline at end of file
./source/instance/SneakerHeadz_db.py:4:1: F401 'sqlalchemy.ext.declarative.declarative_base' imported but unused
./source/instance/SneakerHeadz_db.py:16:1: E302 expected 2 blank lines, found 1
./source/instance/SneakerHeadz_db.py:27:1: E302 expected 2 blank lines, found 1
./source/instance/SneakerHeadz_db.py:44:1: E305 expected 2 blank lines after class or function definition, found 1
./source/models.py:5:1: F401 'flask_login.current_user' imported but unused
./source/models.py:6:1: W293 blank line contains whitespace
./source/models.py:9:1: W293 blank line contains whitespace
./source/models.py:10:1: E302 expected 2 blank lines, found 1
./source/models.py:12:1: W293 blank line contains whitespace
./source/models.py:17:1: W293 blank line contains whitespace
./source/models.py:18:26: E231 missing whitespace after ','
./source/models.py:20:1: W293 blank line contains whitespace
./source/models.py:21:28: E231 missing whitespace after ','
./source/models.py:22:54: E231 missing whitespace after ','
./source/models.py:23:1: W293 blank line contains whitespace
./source/models.py:32:1: E302 expected 2 blank lines, found 1
./source/models.py:48:1: E302 expected 2 blank lines, found 1
./source/models.py:60:1: W293 blank line contains whitespace
./source/models.py:67:1: W391 blank line at end of file
./source/order_overview.py:6:1: E303 too many blank lines (3)
./source/order_overview.py:14:1: W293 blank line contains whitespace
./source/order_overview.py:14:5: W292 no newline at end of file
./source/payment.py:1:10: E261 at least two spaces before inline comment
./source/payment.py:1:11: E262 inline comment should start with '# '
./source/payment.py:5:1: E265 block comment should start with '# '
./source/payment.py:6:1: E302 expected 2 blank lines, found 0
./source/payment.py:10:1: E302 expected 2 blank lines, found 1
./source/payment.py:16:1: E265 block comment should start with '# '
./source/payment.py:18:47: E261 at least two spaces before inline comment
./source/payment.py:18:48: E262 inline comment should start with '# '
./source/payment.py:33:5: E265 block comment should start with '# '
./source/payment.py:33:91: W291 trailing whitespace
./source/payment.py:34:5: E265 block comment should start with '# '
./source/payment.py:34:107: W291 trailing whitespace
./source/payment.py:35:5: E265 block comment should start with '# '
./source/payment.py:35:121: W291 trailing whitespace
./source/payment.py:36:5: E265 block comment should start with '# '
./source/payment.py:54:1: E302 expected 2 blank lines, found 1
./source/payment.py:54:11: E211 whitespace before '('
./source/payment.py:69:1: E303 too many blank lines (3)
./source/search.py:1:1: E265 block comment should start with '# '
./source/search.py:5:1: F401 'flask_sqlalchemy.SQLAlchemy' imported but unused
./source/search.py:6:1: F401 'werkzeug.security.generate_password_hash' imported but unused
./source/search.py:6:1: F401 'werkzeug.security.check_password_hash' imported but unused
./source/search.py:7:1: F401 'flask_login.LoginManager' imported but unused
./source/search.py:7:1: F401 'flask_login.UserMixin' imported but unused
./source/search.py:7:1: F401 'flask_login.login_required' imported but unused
./source/search.py:24:1: E302 expected 2 blank lines, found 1
./source/search.py:34:1: E302 expected 2 blank lines, found 1
./source/search.py:38:1: E305 expected 2 blank lines after class or function definition, found 1
./source/search.py:47:1: E302 expected 2 blank lines, found 1
./source/search.py:77:1: E302 expected 2 blank lines, found 1
./source/search.py:77:29: E261 at least two spaces before inline comment
./source/search.py:82:36: E231 missing whitespace after ','
./source/search.py:86:1: W293 blank line contains whitespace
./source/search.py:89:42: E251 unexpected spaces around keyword / parameter equals
./source/search.py:89:44: E251 unexpected spaces around keyword / parameter equals
./source/search.py:92:29: W291 trailing whitespace
./source/search.py:94:1: W293 blank line contains whitespace
./source/search.py:97:1: E302 expected 2 blank lines, found 1
./source/search.py:101:1: W293 blank line contains whitespace
./source/search.py:106:1: W293 blank line contains whitespace
./source/search.py:109:1: W293 blank line contains whitespace
./source/search.py:117:1: E302 expected 2 blank lines, found 1
./source/search.py:121:1: E302 expected 2 blank lines, found 1
./source/search.py:123:9: E117 over-indented
./source/search.py:126:1: E302 expected 2 blank lines, found 1
./source/search.py:128:9: E117 over-indented
./source/search.py:131:1: E302 expected 2 blank lines, found 1
./source/search.py:138:1: E302 expected 2 blank lines, found 1
./source/search.py:138:76: E261 at least two spaces before inline comment
./source/search.py:147:1: E302 expected 2 blank lines, found 1
./source/search.py:147:60: E261 at least two spaces before inline comment
./source/search.py:151:100: W291 trailing whitespace
./source/search.py:155:9: F841 local variable 'images' is assigned to but never used
./source/search.py:160:13: E116 unexpected indentation (comment)
./source/search.py:161:13: E116 unexpected indentation (comment)
./source/search.py:162:13: E116 unexpected indentation (comment)
./source/search.py:163:52: W291 trailing whitespace
./source/search.py:166:1: W293 blank line contains whitespace
./source/search.py:172:1: E265 block comment should start with '# '
./source/search.py:173:16: E261 at least two spaces before inline comment
./source/search.py:181:1: E302 expected 2 blank lines, found 1
./source/search.py:181:40: E261 at least two spaces before inline comment
./source/search.py:186:1: E302 expected 2 blank lines, found 1
./source/search.py:201:1: E302 expected 2 blank lines, found 1
./source/search.py:222:1: E302 expected 2 blank lines, found 1
./source/search.py:228:1: E302 expected 2 blank lines, found 1
./source/search.py:236:1: E265 block comment should start with '# '
./source/search.py:238:47: E261 at least two spaces before inline comment
./source/search.py:238:48: E262 inline comment should start with '# '
./source/search.py:253:5: E265 block comment should start with '# '
./source/search.py:253:87: W291 trailing whitespace
./source/search.py:254:5: E265 block comment should start with '# '
./source/search.py:254:107: W291 trailing whitespace
./source/search.py:255:5: E265 block comment should start with '# '
./source/search.py:255:121: W291 trailing whitespace
./source/search.py:256:5: E265 block comment should start with '# '
./source/search.py:272:22: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:24: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:40: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:42: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:64: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:66: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:93: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:95: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:110: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:112: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:125: E251 unexpected spaces around keyword / parameter equals
./source/search.py:272:127: E251 unexpected spaces around keyword / parameter equals
./source/search.py:283:1: E302 expected 2 blank lines, found 1
./source/search.py:292:1: E302 expected 2 blank lines, found 1
./source/search.py:302:107: W291 trailing whitespace
./source/search.py:309:1: E303 too many blank lines (3)
./source/search.py:309:24: E261 at least two spaces before inline comment
./source/search.py:313:1: E302 expected 2 blank lines, found 1
./source/search.py:315:9: E117 over-indented
./source/search.py:317:1: E302 expected 2 blank lines, found 1
./source/search.py:334:1: E302 expected 2 blank lines, found 1
./source/search.py:338:1: E302 expected 2 blank lines, found 1
./source/search.py:342:1: E302 expected 2 blank lines, found 1
./source/search.py:346:1: E302 expected 2 blank lines, found 1
./source/search.py:350:1: E302 expected 2 blank lines, found 1
./source/search.py:355:1: E305 expected 2 blank lines after class or function definition, found 1
./source/sellerlogin.py:9:1: E302 expected 2 blank lines, found 1
./source/sellerlogin.py:25:45: W291 trailing whitespace
./source/sellerlogin.py:39:1: E302 expected 2 blank lines, found 1
./source/sellerlogin.py:41:64: W291 trailing whitespace
./source/sellerlogin.py:50:1: E302 expected 2 blank lines, found 1
./source/shipping_info.py:1:1: F401 'flask.render_template' imported but unused
./source/shipping_info.py:3:1: E302 expected 2 blank lines, found 0
./source/shipping_info.py:3:11: E211 whitespace before '('
./source/submit_order.py:1:1: F401 'flask.request' imported but unused
./source/submit_order.py:6:1: E302 expected 2 blank lines, found 1
./source/submit_order.py:14:1: E302 expected 2 blank lines, found 1
./source/submit_order.py:17:1: E265 block comment should start with '# '
./source/submit_order.py:17:21: W292 no newline at end of file
./source/userlogin.py:7:1: E302 expected 2 blank lines, found 1
./source/userlogin.py:12:35: W291 trailing whitespace
./source/userlogin.py:13:1: E302 expected 2 blank lines, found 1
./source/userlogin.py:17:1: W293 blank line contains whitespace
./source/userlogin.py:23:10: E261 at least two spaces before inline comment
./source/userlogin.py:23:11: E262 inline comment should start with '# '
./source/userlogin.py:23:82: W291 trailing whitespace
./source/userlogin.py:27:99: W291 trailing whitespace
./source/userlogin.py:28:1: E302 expected 2 blank lines, found 1
./source/userlogin.py:34:1: E302 expected 2 blank lines, found 1
./source/userlogin.py:42:1: E305 expected 2 blank lines after class or function definition, found 1
./testing/dummy data/SneakerHeadz-example-data.py:2:11: F821 undefined name 'Session'
./testing/dummy data/SneakerHeadz-example-data.py:5:9: F821 undefined name 'User'
./testing/dummy data/SneakerHeadz-example-data.py:6:9: F821 undefined name 'User'
./testing/dummy data/SneakerHeadz-example-data.py:7:9: F821 undefined name 'User'
./testing/dummy data/SneakerHeadz-example-data.py:12:9: F821 undefined name 'Shoe'
./testing/dummy data/SneakerHeadz-example-data.py:13:9: F821 undefined name 'Shoe'
./testing/dummy data/SneakerHeadz-example-data.py:14:9: F821 undefined name 'Shoe'
./testing/dummy data/SneakerHeadz-example-data.py:15:9: F821 undefined name 'Shoe'
./testing/dummy data/SneakerHeadz-example-data.py:16:9: F821 undefined name 'Shoe'
./testing/dummy data/SneakerHeadz-example-data.py:17:9: F821 undefined name 'Shoe'
./testing/models.py:5:1: W293 blank line contains whitespace
./testing/models.py:8:1: W293 blank line contains whitespace
./testing/models.py:9:1: E302 expected 2 blank lines, found 1
./testing/models.py:11:1: W293 blank line contains whitespace
./testing/models.py:16:1: W293 blank line contains whitespace
./testing/models.py:17:26: E231 missing whitespace after ','
./testing/models.py:19:1: W293 blank line contains whitespace
./testing/models.py:20:28: E231 missing whitespace after ','
./testing/models.py:21:54: E231 missing whitespace after ','
./testing/models.py:22:1: W293 blank line contains whitespace
./testing/models.py:26:1: E302 expected 2 blank lines, found 1
./testing/models.py:42:1: E302 expected 2 blank lines, found 1
./testing/models.py:54:1: W293 blank line contains whitespace
./testing/models.py:61:1: W391 blank line at end of file
./testing/test_app.py:1:1: F401 're' imported but unused
./testing/test_app.py:2:1: F401 'flask.Flask' imported but unused
./testing/test_app.py:2:1: F401 'flask.session' imported but unused
./testing/test_app.py:2:1: F401 'flask.request' imported but unused
./testing/test_app.py:2:1: F401 'flask.render_template' imported but unused
./testing/test_app.py:5:1: E402 module level import not at top of file
./testing/test_app.py:6:1: F403 'from source.models import *' used; unable to detect undefined names
./testing/test_app.py:6:1: F401 'source.models.*' imported but unused
./testing/test_app.py:6:1: E402 module level import not at top of file
./testing/test_app.py:9:1: E266 too many leading '#' for block comment
./testing/test_app.py:14:1: E302 expected 2 blank lines, found 1
./testing/test_app.py:19:1: E302 expected 2 blank lines, found 1
./testing/test_app.py:23:1: E302 expected 2 blank lines, found 1
./testing/test_app.py:27:1: E302 expected 2 blank lines, found 1
./testing/test_app.py:30:1: W391 blank line at end of file
./testing/test_database.py:1:1: F401 're' imported but unused
./testing/test_database.py:2:1: F401 'pytest' imported but unused
./testing/test_database.py:3:1: F401 'flask.Flask' imported but unused
./testing/test_database.py:3:1: F401 'flask.session' imported but unused
./testing/test_database.py:3:1: F401 'flask.request' imported but unused
./testing/test_database.py:3:1: F401 'flask.render_template' imported but unused
./testing/test_database.py:4:1: F401 'flask_login.login_user' imported but unused
./testing/test_database.py:4:1: F401 'flask_login.logout_user' imported but unused
./testing/test_database.py:6:1: F401 'os' imported but unused
./testing/test_database.py:7:1: F401 'tempfile' imported but unused
./testing/test_database.py:10:1: E402 module level import not at top of file
./testing/test_database.py:11:1: F403 'from source.models import *' used; unable to detect undefined names
./testing/test_database.py:11:1: F401 'source.models.*' imported but unused
./testing/test_database.py:11:1: E402 module level import not at top of file
./testing/test_database.py:12:1: F403 'from source.instance import *' used; unable to detect undefined names
./testing/test_database.py:12:1: F401 'source.instance.*' imported but unused
./testing/test_database.py:12:1: E402 module level import not at top of file
./testing/test_database.py:14:1: F401 'sqlalchemy.engine.Engine' imported but unused
./testing/test_database.py:14:1: E402 module level import not at top of file
./testing/test_database.py:15:1: F401 'sqlalchemy.event' imported but unused
./testing/test_database.py:15:1: E402 module level import not at top of file
./testing/test_database.py:18:1: E266 too many leading '#' for block comment
./testing/test_database.py:19:1: E266 too many leading '#' for block comment
./testing/test_database.py:20:1: E266 too many leading '#' for block comment
./testing/test_database.py:21:1: E266 too many leading '#' for block comment
./testing/test_database.py:24:1: E266 too many leading '#' for block comment
./testing/test_database.py:29:1: F811 redefinition of unused 'test_go_to_login' from line 25
./testing/test_database.py:29:1: E302 expected 2 blank lines, found 1
./testing/test_database.py:33:1: E302 expected 2 blank lines, found 1
./testing/test_database.py:37:1: E302 expected 2 blank lines, found 1
./testing/test_database.py:41:1: E302 expected 2 blank lines, found 1
./testing/test_database.py:47:1: E266 too many leading '#' for block comment
./testing/test_database.py:49:1: E266 too many leading '#' for block comment
./testing/test_database.py:55:1: E266 too many leading '#' for block comment
./testing/test_database.py:56:1: E302 expected 2 blank lines, found 1
./testing/test_database.py:62:1: E266 too many leading '#' for block comment
./testing/test_database.py:63:1: E266 too many leading '#' for block comment
./testing/test_database.py:64:1: E302 expected 2 blank lines, found 1
./testing/test_database.py:70:5: E265 block comment should start with '# '
./testing/test_database.py:74:1: E302 expected 2 blank lines, found 1
./testing/test_search.py:1:1: E265 block comment should start with '# '
./testing/test_search.py:6:1: E302 expected 2 blank lines, found 1
./testing/test_search.py:49:1: E302 expected 2 blank lines, found 1
./testing/test_search.py:62:1: W391 blank line at end of file
./testing/test_useraccount.py:1:1: F401 're' imported but unused
./testing/test_useraccount.py:2:1: F401 'pytest' imported but unused
./testing/test_useraccount.py:3:1: F401 'flask.Flask' imported but unused
./testing/test_useraccount.py:3:1: F401 'flask.session' imported but unused
./testing/test_useraccount.py:3:1: F401 'flask.request' imported but unused
./testing/test_useraccount.py:3:1: F401 'flask.render_template' imported but unused
./testing/test_useraccount.py:4:1: F401 'flask_login.login_user' imported but unused
./testing/test_useraccount.py:4:1: F401 'flask_login.logout_user' imported but unused
./testing/test_useraccount.py:6:1: F401 'os' imported but unused
./testing/test_useraccount.py:7:1: F401 'tempfile' imported but unused
./testing/test_useraccount.py:10:1: E402 module level import not at top of file
./testing/test_useraccount.py:11:1: F403 'from source.models import *' used; unable to detect undefined names
./testing/test_useraccount.py:11:1: F401 'source.models.*' imported but unused
./testing/test_useraccount.py:11:1: E402 module level import not at top of file
./testing/test_useraccount.py:12:1: F403 'from source.instance import *' used; unable to detect undefined names
./testing/test_useraccount.py:12:1: F401 'source.instance.*' imported but unused
./testing/test_useraccount.py:12:1: E402 module level import not at top of file
./testing/test_useraccount.py:14:1: F401 'sqlalchemy.engine.Engine' imported but unused
./testing/test_useraccount.py:14:1: E402 module level import not at top of file
./testing/test_useraccount.py:15:1: F401 'sqlalchemy.event' imported but unused
./testing/test_useraccount.py:15:1: E402 module level import not at top of file
./testing/test_useraccount.py:20:1: E303 too many blank lines (4)
./testing/test_useraccount.py:20:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:23:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:24:1: E302 expected 2 blank lines, found 4
./testing/test_useraccount.py:28:1: F811 redefinition of unused 'test_go_to_login' from line 24
./testing/test_useraccount.py:28:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:32:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:36:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:40:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:46:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:57:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:58:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:60:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:61:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:62:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:71:1: W293 blank line contains whitespace
./testing/test_useraccount.py:81:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:82:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:83:1: E265 block comment should start with '# '
./testing/test_useraccount.py:84:5: E265 block comment should start with '# '
./testing/test_useraccount.py:85:5: E265 block comment should start with '# '
./testing/test_useraccount.py:86:5: E265 block comment should start with '# '
./testing/test_useraccount.py:87:5: E265 block comment should start with '# '
./testing/test_useraccount.py:89:5: E265 block comment should start with '# '
./testing/test_useraccount.py:90:9: E116 unexpected indentation (comment)
./testing/test_useraccount.py:90:9: E265 block comment should start with '# '
./testing/test_useraccount.py:91:9: E116 unexpected indentation (comment)
./testing/test_useraccount.py:91:9: E265 block comment should start with '# '
./testing/test_useraccount.py:92:1: W293 blank line contains whitespace
./testing/test_useraccount.py:94:5: E265 block comment should start with '# '
./testing/test_useraccount.py:95:5: E265 block comment should start with '# '
./testing/test_useraccount.py:107:1: W293 blank line contains whitespace
./testing/test_useraccount.py:112:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:126:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:127:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:128:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:1:1: F401 're' imported but unused
./testing/test_userlogin.py:2:1: F401 'pytest' imported but unused
./testing/test_userlogin.py:3:1: F401 'flask.Flask' imported but unused
../testing/test_useraccount.py:3:1: F401 'flask.session' imported but unused
./testing/test_useraccount.py:3:1: F401 'flask.request' imported but unused
./testing/test_useraccount.py:3:1: F401 'flask.render_template' imported but unused
./testing/test_useraccount.py:4:1: F401 'flask_login.login_user' imported but unused
./testing/test_useraccount.py:4:1: F401 'flask_login.logout_user' imported but unused
./testing/test_useraccount.py:6:1: F401 'os' imported but unused
./testing/test_useraccount.py:7:1: F401 'tempfile' imported but unused
./testing/test_useraccount.py:10:1: E402 module level import not at top of file
./testing/test_useraccount.py:11:1: F403 'from source.models import *' used; unable to detect undefined names
./testing/test_useraccount.py:11:1: F401 'source.models.*' imported but unused
./testing/test_useraccount.py:11:1: E402 module level import not at top of file
./testing/test_useraccount.py:12:1: F403 'from source.instance import *' used; unable to detect undefined names
./testing/test_useraccount.py:12:1: F401 'source.instance.*' imported but unused
./testing/test_useraccount.py:12:1: E402 module level import not at top of file
./testing/test_useraccount.py:14:1: F401 'sqlalchemy.engine.Engine' imported but unused
./testing/test_useraccount.py:14:1: E402 module level import not at top of file
./testing/test_useraccount.py:15:1: F401 'sqlalchemy.event' imported but unused
./testing/test_useraccount.py:15:1: E402 module level import not at top of file
./testing/test_useraccount.py:20:1: E303 too many blank lines (4)
./testing/test_useraccount.py:20:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:23:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:24:1: E302 expected 2 blank lines, found 4
./testing/test_useraccount.py:28:1: F811 redefinition of unused 'test_go_to_login' from line 24
./testing/test_useraccount.py:28:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:32:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:36:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:40:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:46:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:57:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:58:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:60:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:61:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:62:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:71:1: W293 blank line contains whitespace
./testing/test_useraccount.py:81:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:82:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:83:1: E265 block comment should start with '# '
./testing/test_useraccount.py:84:5: E265 block comment should start with '# '
./testing/test_useraccount.py:85:5: E265 block comment should start with '# '
./testing/test_useraccount.py:86:5: E265 block comment should start with '# '
./testing/test_useraccount.py:87:5: E265 block comment should start with '# '
./testing/test_useraccount.py:89:5: E265 block comment should start with '# '
./testing/test_useraccount.py:90:9: E116 unexpected indentation (comment)
./testing/test_useraccount.py:90:9: E265 block comment should start with '# '
./testing/test_useraccount.py:91:9: E116 unexpected indentation (comment)
./testing/test_useraccount.py:91:9: E265 block comment should start with '# '
./testing/test_useraccount.py:92:1: W293 blank line contains whitespace
./testing/test_useraccount.py:94:5: E265 block comment should start with '# '
./testing/test_useraccount.py:95:5: E265 block comment should start with '# '
./testing/test_useraccount.py:107:1: W293 blank line contains whitespace
./testing/test_useraccount.py:112:1: E302 expected 2 blank lines, found 1
./testing/test_useraccount.py:126:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:127:1: E266 too many leading '#' for block comment
./testing/test_useraccount.py:128:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:1:1: F401 're' imported but unused
./testing/test_userlogin.py:2:1: F401 'pytest' imported but unused
./testing/test_userlogin.py:3:1: F401 'flask.Flask' imported but unused
./testing/test_userlogin.py:3:1: F401 'flask.session' imported but unused
./testing/test_userlogin.py:3:1: F401 'flask.request' imported but unused
./testing/test_userlogin.py:3:1: F401 'flask.render_template' imported but unused
./testing/test_userlogin.py:4:1: F401 'flask_login.login_user' imported but unused
./testing/test_userlogin.py:4:1: F401 'flask_login.logout_user' imported but unused
./testing/test_userlogin.py:6:1: F401 'os' imported but unused
./testing/test_userlogin.py:7:1: F401 'tempfile' imported but unused
./testing/test_userlogin.py:10:1: E402 module level import not at top of file
./testing/test_userlogin.py:11:1: F403 'from source.models import *' used; unable to detect undefined names
./testing/test_userlogin.py:11:1: F401 'source.models.*' imported but unused
./testing/test_userlogin.py:11:1: E402 module level import not at top of file
./testing/test_userlogin.py:12:1: F403 'from source.instance import *' used; unable to detect undefined names
./testing/test_userlogin.py:12:1: F401 'source.instance.*' imported but unused
./testing/test_userlogin.py:12:1: E402 module level import not at top of file
./testing/test_userlogin.py:14:1: F401 'sqlalchemy.engine.Engine' imported but unused
./testing/test_userlogin.py:14:1: E402 module level import not at top of file
./testing/test_userlogin.py:15:1: F401 'sqlalchemy.event' imported but unused
./testing/test_userlogin.py:15:1: E402 module level import not at top of file
./testing/test_userlogin.py:19:1: E303 too many blank lines (3)
./testing/test_userlogin.py:19:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:22:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:23:1: E302 expected 2 blank lines, found 3
./testing/test_userlogin.py:27:1: F811 redefinition of unused 'test_go_to_login' from line 23
./testing/test_userlogin.py:27:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:31:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:35:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:39:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:44:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:45:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:46:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:49:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:56:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:57:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:63:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:64:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:69:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:70:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:80:1: E266 too many leading '#' for block comment
./testing/test_userlogin.py:81:1: E302 expected 2 blank lines, found 1
./testing/test_userlogin.py:90:1: W293 blank line contains whitespace
./testing/test_userlogin.py:93:1: W391 blank line at end of file

Exited with code exit status 1
CircleCI received exit code 1
```