

Documentation

For Project Highedge co., CISC327 Group 10.

Overall Structure:

A path is defined for each of the three forms: sell form, update form and buy form in index.html, respectively /sell, /update and /buy, those paths specifies where the post form will be submitted to when the user clicks submit button. Index.html is also modified so all ticket information stored in database will lay out in a table. Two html files, sell.html, buy.html, are created, both used to tell the user action is successful. The file backend.py contains methods that are used for solving database-related requirements, i.e. store the ticket information inserted by user in database. And frontend.py contains methods that are used for solving presentation-related requirements, i.e. when action unsuccessful present corresponding error message, else when action successful redirect to corresponding page.

Methods Documentation:

Method Name	File	Description
add_ticket()	index.html	Intend to lay out information of all database tickets in a table.
get_all_tickets()	backend.py	Intend to retrieve all ticket objects from database.
get_ticket()	backend.py	Intend to look up a ticket with specific name in database.
new_ticket_for_sell()	backend.py	Intend to store new ticket in database.
update_ticket()	backend.py	Intend to update information for the ticket stored in database.
sell_post()	frontend.py	Add features to allow program to check and act correspond to user inserted sell ticket information validity.
update_post()	frontend.py	Add features to allow program to check and act correspond to user inserted update ticket information validity.
buy_post()	frontend.py	Add features to allow program to check and act correspond to user inserted buy ticket information validity.