

R4 - /sell

Function Name	Route	Input	Output	Purpose	File
sell_ticket() (already created, added more code for validation)	@app.route('/ sell) Obtain ticket instance from backend's get_ticket	User object	Template for sell.html with user info and ticket info if success, Error message and redirect to '/' if error	To validate that the ticket information is entered correctly, follows all the specific requirements and will be posted on the user profile page	Sell_ticket validation code on frontend.py Ticket instance retrieved from backend.py

R5 - /update

Function Name	Route	Input	Output	Purpose	File
/update (html file)			Html template that user can fill in and information can be passed to update_ticket function through	To provide a user window to update ticket information	In templates folder
update_ticket()	@app.route('/up date) Obtain ticket instance from backend's get_ticket	User object	Template for update.html with user info and ticket info if success, Error message and redirect to '/' if error	To validate that the ticket information is entered correctly and can be updated.	Validation code on frontend.py Ticket instance retrieved from backend.py
get_update()	From submit action on update.html	Ticket name and info that needs to be updated	Returns instance of updated ticket to be sent to update_ticket for validity checking	To retrieve the ticket information that needs to be updated and then send that information to the frontend.py code for validation	Backend.py

R6 - /buy

Function Name	Route	Input	Output	Purpose	File
buy_ticket() (already created, added more code for validation)	@app.route('/buy) Obtain ticket instance from backend's get_ticket	User object	Template for buy.html with user info and ticket info if success, Error message and redirect to '/' if error	To validate that the ticket information is entered correctly and can be bought. It also follows all the requirements successfully.	Buy_ticket Validation code on frontend.py Ticket instance retrieved from backend.py

Function Name	Route	Input	Output	Purpose	File
is_al_num()		String name	Boolean	Checks whether a name is alpha numeric	
Add to User object:		ticket attribute		Holds all the user's tickets and ticket information	models.py