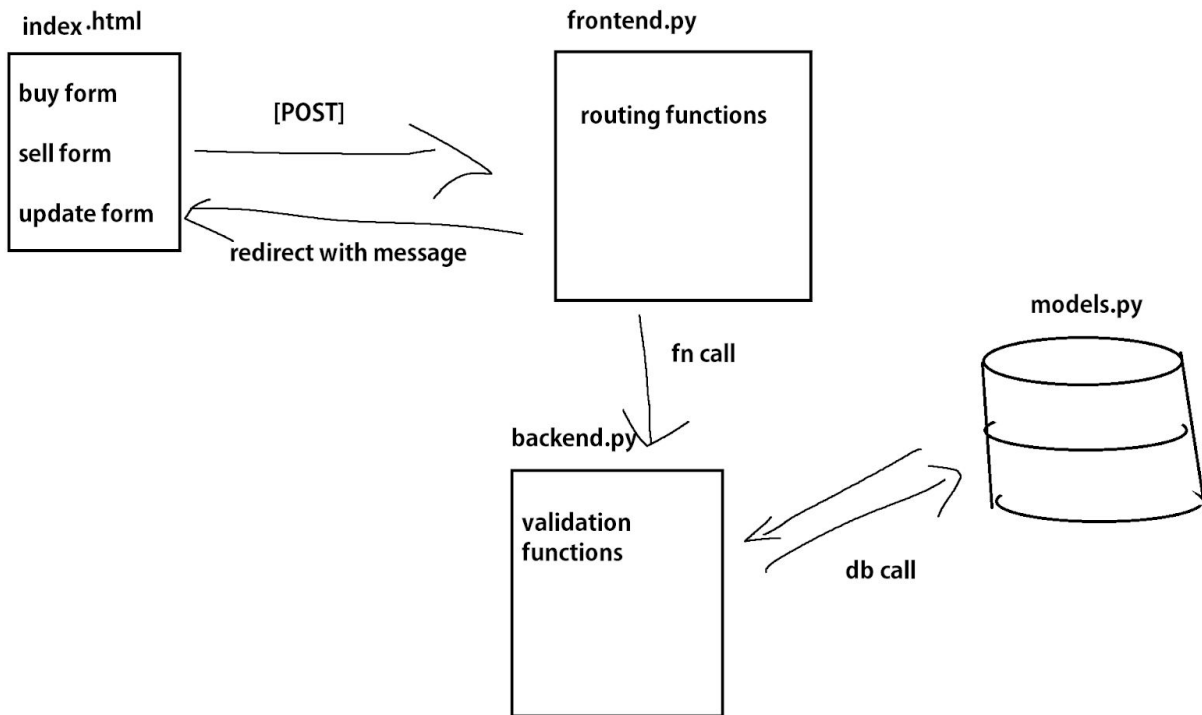


## Diagram of R4, R5, & R6:



Code review was done in live meetings with the team.

R4	/sell	[POST]
R4.1		The name of the ticket has to be alphanumeric-only, and space allowed only if it is not the first or the last character.
R4.2		The name of the ticket is no longer than 60 characters
R4.3		The quantity of the tickets has to be more than 0, and less than or equal to 100.
R4.4		Price has to be of range [10, 100]
R4.5		Date must be given in the format YYYYMMDD (e.g. 20200901)
R4.6		For any errors, redirect back to / and show an error message
R4.7		The added new ticket information will be posted on the user profile page
		(optional) The name of the tickets has to contain at least 6 characters

		(optional) The new tickets must not be expired
R5	/update	[POST]
X		The name of the ticket has to be alphanumeric-only, and space allowed only if it is not the first or the last character.
X		The name of the ticket is no longer than 60 characters
X		The quantity of the tickets has to be more than 0, and less than or equal to 100.
X		Price has to be of range [10, 100]
X		Date must be given in the format YYYYMMDD (e.g. 20200901)
X		The ticket of the given name must exist
X		For any errors, redirect back to / and show an error message
R6	/buy	[POST]
		Constraint:
X		The name of the ticket has to be alphanumeric-only, and space allowed only if it is not the first or the last character.
X		The name of the ticket is no longer than 60 characters
X		The quantity of the tickets has to be more than 0, and less than or equal to 100.
X		The ticket name exists in the database and the quantity is more than the quantity requested to buy
R6.1		The user has more balance than the ticket price * quantity + service fee (35%) + tax (5%)
X		For any errors, redirect back to / and show an error message

#### Tasks:

- Johnson, Isaac, and Xin Yang all worked on R4 and R6.1, using paired programming through a zoom call.
- Joel worked on completing the ticket database.