```mermaid
flowchart TD
    Main[Main]

    Main --> login[/login]
    Main --> register[/register]
    Main --> root[/]
    Main --> sell[/sell]
    Main --> update[/update]
    Main --> buy[/buy]
    Main --> logout[/logout]
    Main --> wildcard[/*]
```

Main branches to: **/login**, **/register**, **/**, **/sell**, **/update**, **/buy**, **/logout**, **/***

/login
- if logged_in in session
  - Yes
  - No → direct to login.html [POST]
    - Check to see if password and email is in database
      - Yes
      - No

/register
- if logged_in in session
  - Yes
  - No → redirect to register.html [POST]
    - check password and password2, email and name for requirement
      - Yes → Create new user, add to database
      - No → Error message

/
- if logged_in in session
  - Yes → directs user to index.html with sell, buy, update features
  - No

/sell
- Ticket, ticket quantity, price, and/or date follow requirements
  - Yes → Adds new ticket info to '/'
  - No → Error message

/update
- Ticket, ticket quantity, price, date, and ticket exists
  - Yes → Updates ticket information
  - No → Error message

/buy
- Ticket name, ticket quantity, user balance more than full ticket price,
  - Yes → Purchases the ticket on the account
  - No → Error message

/logout
- if logged in, invalids current session
- else redirect to '/'

/*
- return 404 error if route is non-existent

Legend
- **functions**
- **event**
- **input**
- **output**