

Bug name	How to solve
Wrong path name for templates	<ol style="list-style-type: none"> After run bookings app, we can't load the home page. The log shows like this: <p>2022/04/01 10:44:46 Connected to database INFO 2022/04/01 10:44:46 Starting mail listener! Starting application on port: :8080 2022/04/01 10:44:55 Hit the page: localhost:8080/ 2022/04/01 10:44:55 Could not get templates from cache 2022/04/01 10:44:55 Hit the page: localhost:8080/favicon.ico</p> Conclusion: Function Template can't get the template from disk. But it still get favicon.ico → After a few checking, I found that the problem due to the path to html template. → From the root folder of project, correct the path to templates folder. Rerun app and reload homepage.
Wrong Postgres query syntax	<ol style="list-style-type: none"> query wrong in func InsertRoomRestriction query := ` insert into room_restriction (start_date, end_date, roomID, reservationID, created_at, updated_at, restrictionID) values (\$1, \$2, \$3, \$4, \$5, \$6, \$7) ` Conclusion: Taking the error and search in google → Stackoverflow → Problem happens when query database (non-exist column). Correct query <pre>query := `insert into room_restriction (start_date, end_date, room_id, reservation_id, created_at, updated_at, restriction_id) values (\$1, \$2, \$3, \$4, \$5, \$6, \$7)`</pre> Perform again insert query, go to Dbeaver to check room_restriction table
Can't query data in another Postgresql database	<ol style="list-style-type: none"> Error: "cant find table and cant query cross-database" My solution: Correct access to the database that need to query. I also found way to query cross-database, maybe using in future: https://stackoverflow.com/questions/48475220/join-tables-from-different-databases-postgresql

Forgot where clause so the query update entire database	<p>1. My ideas:</p> <ul style="list-style-type: none">- First, separate the database for testInDevelopment and production.- Second, backup the database for production: Periodic backup the database and storing several places in local laptop, in the server in could, in google drive,... <table><thead><tr><th>ID</th><th>First Name</th><th>Last Name</th><th>Room</th><th>Start Date</th><th>End Date</th></tr></thead><tbody><tr><td>17</td><td>John</td><td>Smith</td><td>General's Quarters</td><td>2050-01-01</td><td>2050-01-02</td></tr><tr><td>11</td><td>Nguyen</td><td>Trung</td><td>Major's Suite</td><td>2022-06-01</td><td>2022-06-04</td></tr><tr><td>1</td><td>Quang</td><td>Le</td><td>General's Quarters</td><td>2021-01-01</td><td>2021-01-01</td></tr><tr><td>19</td><td>Tad</td><td>TOÁN</td><td>General's Quarters</td><td>2022-03-31</td><td>2022-03-31</td></tr><tr><td>10</td><td>testing</td><td>testing</td><td>General's Quarters</td><td>2022-02-12</td><td>2022-02-14</td></tr><tr><td>18</td><td>Toan</td><td>TOÁN</td><td>General's Quarters</td><td>2022-03-08</td><td>2022-03-08</td></tr><tr><td>14</td><td>toan</td><td>tran</td><td>General's Quarters</td><td>2022-03-30</td><td>2022-03-31</td></tr><tr><td>2</td><td>travortrrr</td><td>sand</td><td>General's Quarters</td><td>2021-01-01</td><td>2021-01-01</td></tr><tr><td>3</td><td>travortrrr</td><td>sand</td><td>General's Quarters</td><td>2022-01-02</td><td>2024-01-03</td></tr><tr><td>5</td><td>travortrrr</td><td>sand</td><td>General's Quarters</td><td>2022-01-02</td><td>2024-01-03</td></tr><tr><td>4</td><td>travortrrr</td><td>sand</td><td>General's Quarters</td><td>2022-01-02</td><td>2024-01-03</td></tr><tr><td>6</td><td>travortrrr</td><td>sand</td><td>General's Quarters</td><td>2022-01-02</td><td>2024-01-03</td></tr><tr><td>9</td><td>travortrrr</td><td>sand</td><td>Major's Suite</td><td>2022-01-31</td><td>2022-02-05</td></tr><tr><td>12</td><td>travortrrr</td><td>sand</td><td>Major's Suite</td><td>2022-02-21</td><td>2022-02-22</td></tr><tr><td>13</td><td>travortrrr</td><td>sand</td><td>General's Quarters</td><td>2022-03-01</td><td>2022-03-01</td></tr></tbody></table> <p>Showing 1 to 15 of 15 entries</p>	ID	First Name	Last Name	Room	Start Date	End Date	17	John	Smith	General's Quarters	2050-01-01	2050-01-02	11	Nguyen	Trung	Major's Suite	2022-06-01	2022-06-04	1	Quang	Le	General's Quarters	2021-01-01	2021-01-01	19	Tad	TOÁN	General's Quarters	2022-03-31	2022-03-31	10	testing	testing	General's Quarters	2022-02-12	2022-02-14	18	Toan	TOÁN	General's Quarters	2022-03-08	2022-03-08	14	toan	tran	General's Quarters	2022-03-30	2022-03-31	2	travortrrr	sand	General's Quarters	2021-01-01	2021-01-01	3	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03	5	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03	4	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03	6	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03	9	travortrrr	sand	Major's Suite	2022-01-31	2022-02-05	12	travortrrr	sand	Major's Suite	2022-02-21	2022-02-22	13	travortrrr	sand	General's Quarters	2022-03-01	2022-03-01
ID	First Name	Last Name	Room	Start Date	End Date																																																																																												
17	John	Smith	General's Quarters	2050-01-01	2050-01-02																																																																																												
11	Nguyen	Trung	Major's Suite	2022-06-01	2022-06-04																																																																																												
1	Quang	Le	General's Quarters	2021-01-01	2021-01-01																																																																																												
19	Tad	TOÁN	General's Quarters	2022-03-31	2022-03-31																																																																																												
10	testing	testing	General's Quarters	2022-02-12	2022-02-14																																																																																												
18	Toan	TOÁN	General's Quarters	2022-03-08	2022-03-08																																																																																												
14	toan	tran	General's Quarters	2022-03-30	2022-03-31																																																																																												
2	travortrrr	sand	General's Quarters	2021-01-01	2021-01-01																																																																																												
3	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03																																																																																												
5	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03																																																																																												
4	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03																																																																																												
6	travortrrr	sand	General's Quarters	2022-01-02	2024-01-03																																																																																												
9	travortrrr	sand	Major's Suite	2022-01-31	2022-02-05																																																																																												
12	travortrrr	sand	Major's Suite	2022-02-21	2022-02-22																																																																																												
13	travortrrr	sand	General's Quarters	2022-03-01	2022-03-01																																																																																												
Difference between class name in bootstrap ver 4 and ver 5	<p>1. Solution: Replace the class name and run app to check.</p>																																																																																																
Linux can't read the build file from windows	<p>1. Error: “can't read the binary from of windows in linux operating system”</p> <p>2. Solution:</p> <ul style="list-style-type: none">- Run go build from Linux- Run “env GOOS=linux go build -o bookingsLinux cmd/web/*.go” in windows.																																																																																																
Error vim: “E388 couldn't find definition” in the linode server	<p>1. Solution: - type in vim “:!reset” try to reset the terminal</p> <ul style="list-style-type: none">- cd /usr/share/vim/ to add at the end of file .vimrc the line: “set term=ansi”																																																																																																
Error when runs “soda migrate”: “There is no connection named development defined!”	<p>Correct name and some value related to postgresql in database.yml</p>																																																																																																
Another process listen for port 80.	<p>1. Description: Caddy server need to use port 80 and 443 for redirect any web site in Caddyfile from HTTP into HTTPS (Automatically). For the first time deploy ubuntu 20.04, the apache2 process using listen for port 80, it also open index.html automatically for anything access into server.</p> <p>2. Solution:</p> <ul style="list-style-type: none">- Run “sudo netstat -tulpn grep YOURPORT” to find process that listen for port 80.																																																																																																

	<ul style="list-style-type: none"> - Kill that process: "kill -9 PID/program binary name" - Start caddy in background <pre> sudo systemctl stop caddy sudo systemctl start caddy sudo systemctl restart caddy </pre> - run "ps: aux grep -i yourService" to check whether caddy is running.
Peer authentication failed for user "postgres" (Already set password)	<p>Refer to: https://stackoverflow.com/questions/18664074/getting-error-peer-authentication-failed-for-user-postgres-when-trying-to-ge/#answer-18664239</p> <p>1. Solution:</p> <ul style="list-style-type: none"> - run "locate pg_hba.conf" to find path to that file - Inside pg_hba.conf: <pre> local all postgres peer </pre> - Fix again into if still want authentication by password: <pre> local all postgres md5 </pre> - Option 2: For trust everything use postgres user: <pre> local all postgres trust </pre>