

TECNOLOGICO DE ESTUDIOS SUPERIORES DE
ECATEPEC

INGENIERIA EN SISTEMAS COMPUTACIONALES

(ESP_SID) BASE DE DATOS PARA DISPOSITIVOS
MOVILES

5851

PRESENTA:

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GUARNEROS MONROY JORGE LUIS(TRANSPORTES)

RODRIGUEZ FERNANDEZ DIANA(TRANSPORTISTAS)

PROFESOR:

GRISELDA CORTES BARRERA

BACKEND

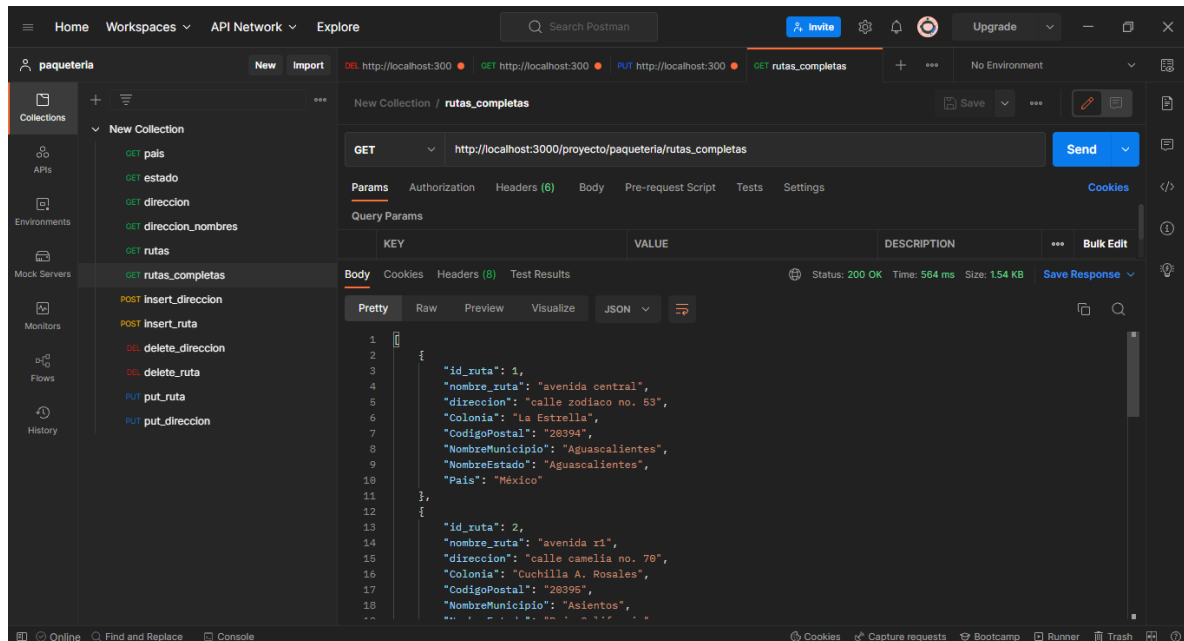


Rutas de cada módulo del proyecto probadas en postman

RUTAS

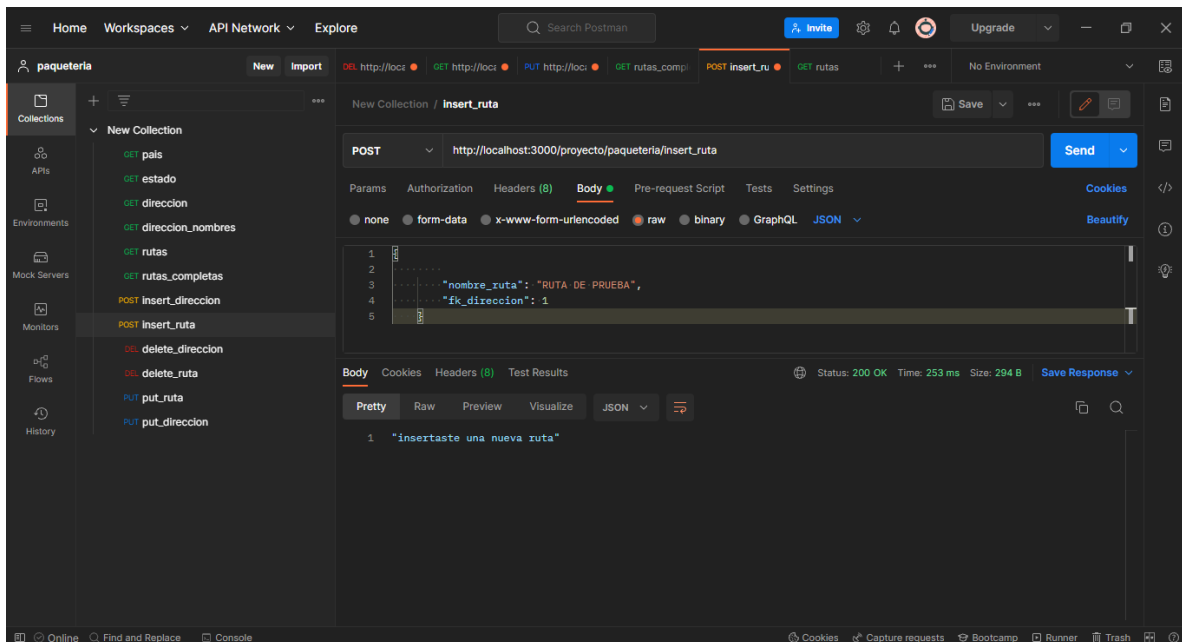
GET

```
//rutas completas
routes.get('/paqueteria/rutas_completas', (req, res) => {
  let sql = "select id_ruta, nombre_ruta, direccion,
colonia.nombre_colonia Colonia, codigo_postal.codigo_postal CodigoPostal,
municipio.nombre_municipio NombreMunicipio, estado.nombre_estado
NombreEstado, pais.nombre_pais Pais from rutas inner join direccion on
rutas.fk_direccion = direccion.id_direccion inner join colonia on
direccion.id_colonia = colonia.id_colonia inner join codigo_postal on
direccion.id_codigo_postal = codigo_postal.id_codigo_postal inner join
municipio on direccion.id_municipio = municipio.id_municipio inner join
estado on direccion.id_estado = estado.id_estado inner join pais on
direccion.id_pais = pais.id_pais";
  consulta.query(sql, (err, rows) => {
    if (!err) res.json(rows)
    else
      console.error(err)
  })
})
```



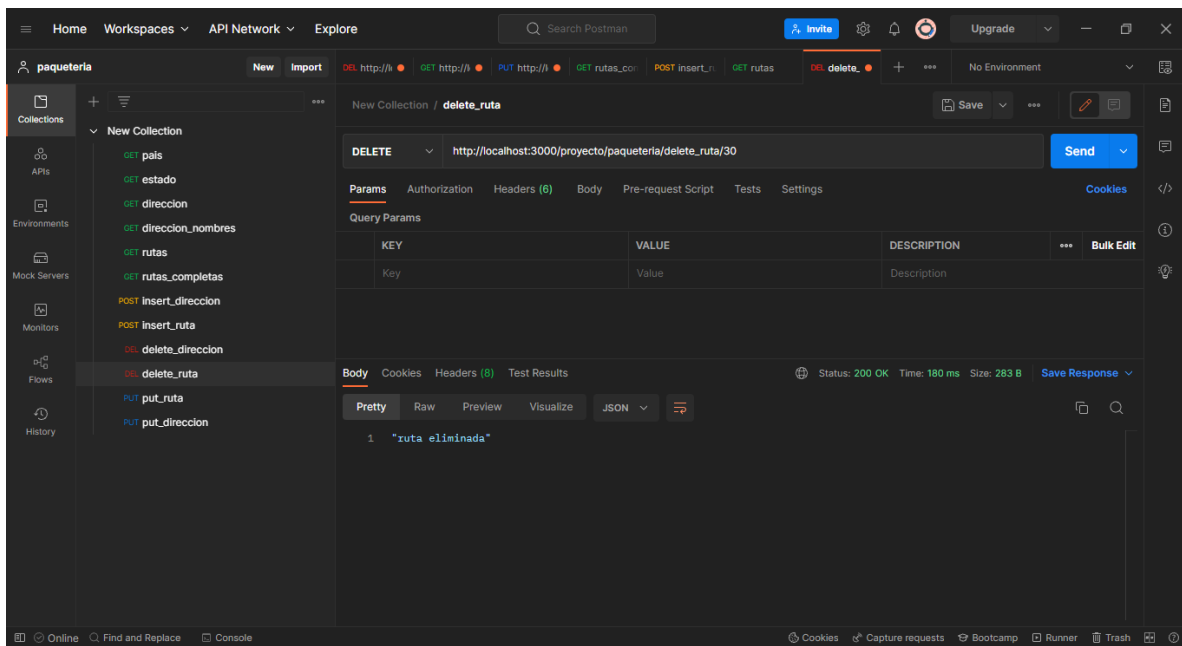
POST

```
//insertar ruta
routes.post('/paqueteria/insert_ruta', (req, res) => {
  const { nombre_ruta, fk_direccion } = req.body;
  let sql = "INSERT INTO `paqueteria`.`rutas` (`nombre_ruta`, `fk_direccion`) VALUES ('" + nombre_ruta + "', " + fk_direccion + ")";
  consulta.query(sql, (err, rows) => {
    if (!err) res.json('insertaste una nueva ruta')
    else
      console.error(err)
  })
})
```



DELETE

```
//borrar ruta
routes.delete('/paqueteria/delete_ruta/:id', (req, res) => {
  const { id } = req.params;
  let sql = "DELETE FROM rutas where id_ruta=?";
  consulta.query(sql, [id], (err, rows) => {
    if (!err) res.json('ruta eliminada')
    else
      console.error(err)
  })
})
```

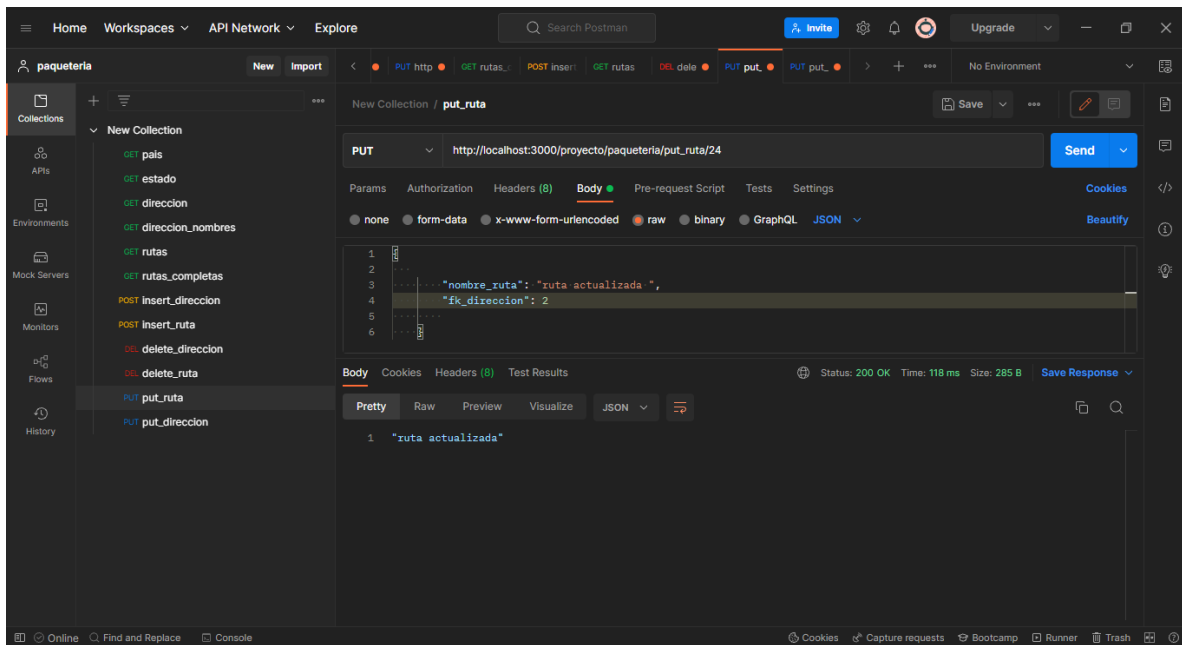


PUT

```
//Actualizar datos rutas
routes.put('/paqueria/put_ruta/:id_ruta', (req, res) => {
  const { nombre_ruta } = req.body;
  const { fk_direccion } = req.body;
  const { id_ruta } = req.params;

  let sql = "UPDATE `paqueria`.`rutas` SET `nombre_ruta`='" +
nombre_ruta + "',`fk_direccion` = " + fk_direccion + " WHERE `id_ruta` =
?";

  consulta.query(sql, [id_ruta], (err, rows) => {
    if (!err)
      res.json('ruta actualizada');
    else
      console.error(err);
  })
})
```

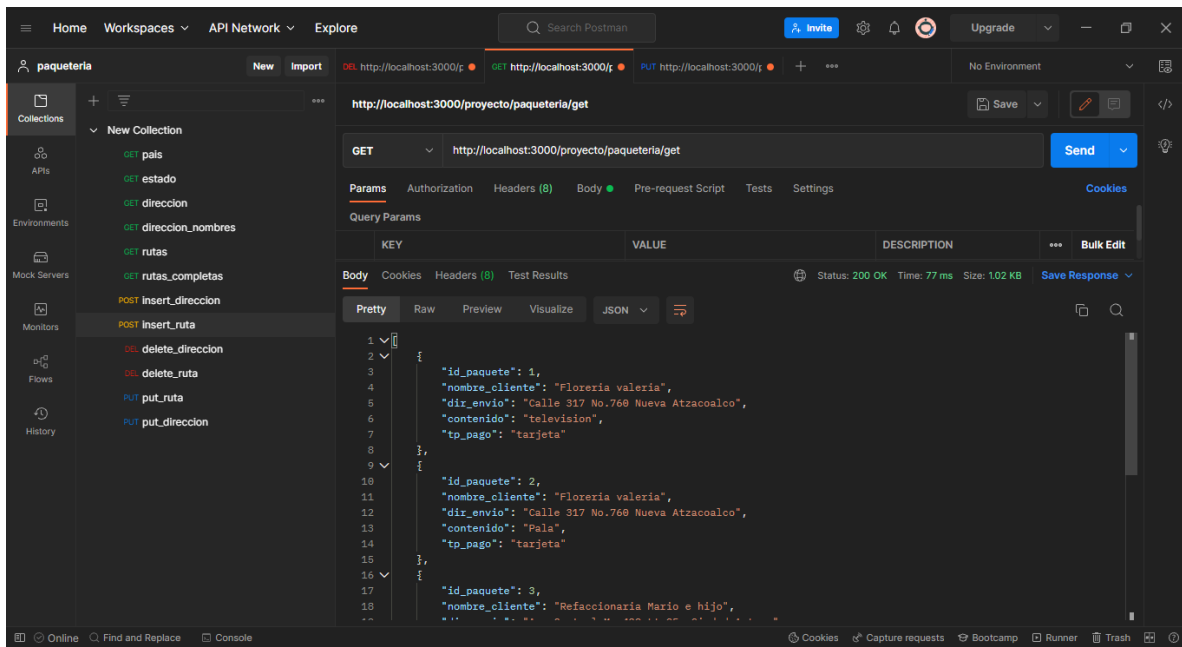


PAQUETES

GET

```
//Consultar DB
routes.get ('/paqueteria/get',(req,res)=>{
  //let sql = 'SELECT * FROM paquete';
  let sql = 'SELECT id_paquete, nombre_cliente, dir_envio, contenido,
tp_pago FROM paquete INNER JOIN tipo_pago ON paquete.fk_pago =
tipo_pago.id_pago INNER JOIN tipo_paquete ON paquete.fk_tp_paquete =
tipo_paquete.id_tp_paquete INNER JOIN clientes ON paquete.fk_clientes =
clientes.id_cliente INNER JOIN envios ON paquete.fk_envios = envios.id_envio
ORDER BY id_paquete';

  consulta.query(sql,(err,rows)=>{
    if(!err)
      res.json(rows);
    else
      console.error(err);
  })
})
```

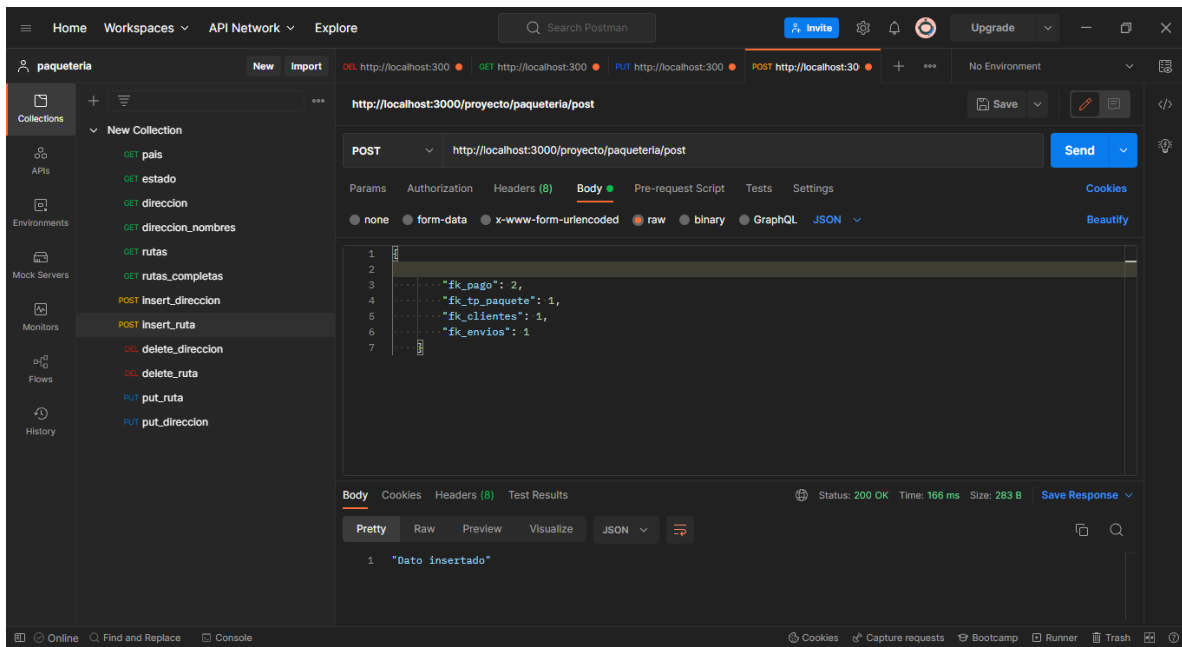


POST

```
//Insertar datos DB
routes.post('/paqueteria/post',(req,res)=>{
  const {fk_pago} = req.body;
  const {fk_tp_paquete} = req.body;
  const {fk_clientes} = req.body;
  const {fk_envios} = req.body;

  let sql = "INSERT INTO `paqueteria`.`paquete` (`fk_pago`,
`fk_tp_paquete`, `fk_clientes`, `fk_envios`) VALUES ('"+ fk_pago+"',
'"+fk_tp_paquete+"', '"+fk_clientes+"', '"+fk_envios+"')";

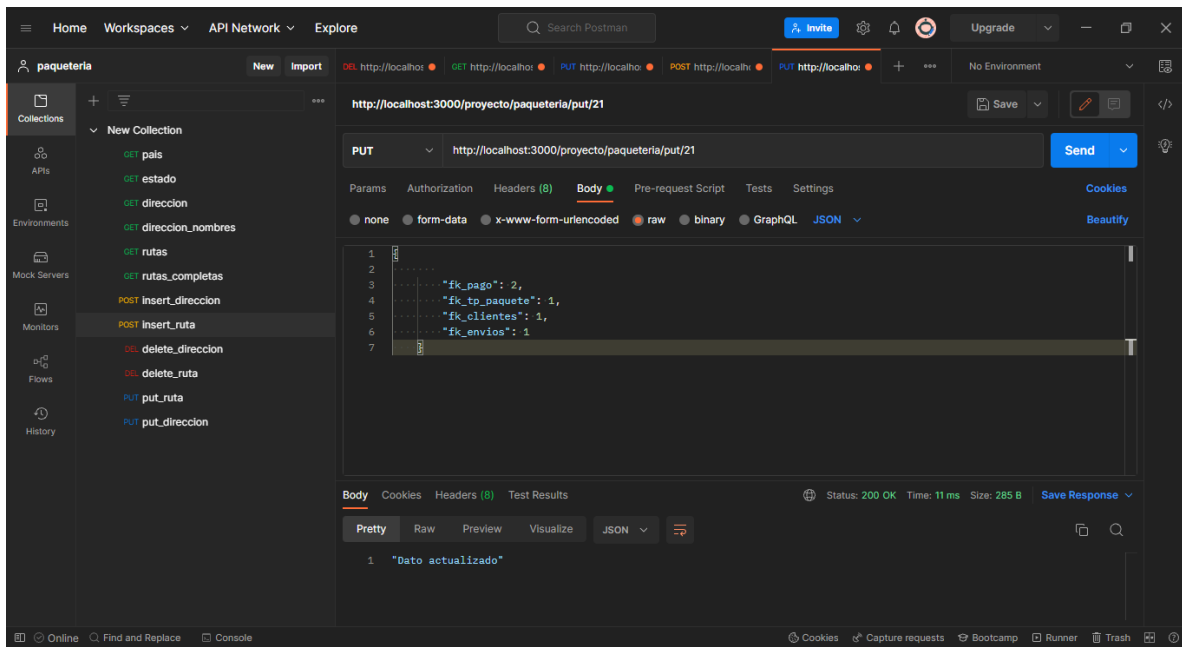
  consulta.query(sql,(err,rows)=>{
    if(!err)
      res.json('Dato insertado');
    else
      console.error(err);
  })
})
```



PUT

```
//Actualizar datos DB
routes.put('/paqueria/put/:id_paquete',(req,res)=>{
  const {id_paquete} = req.body;
  const {fk_pago} = req.body;
  const {fk_tp_paquete} = req.body;
  const {fk_clientes} = req.body;
  const {fk_envios} = req.body;
  let sql = "UPDATE `paqueria`.`paquete` SET `fk_pago` = '"+fk_pago+"',
`fk_tp_paquete` = '"+fk_tp_paquete+"', `fk_clientes` = '"+fk_clientes+"',
`fk_envios` = '"+fk_envios+"' WHERE id_paquete = ?";

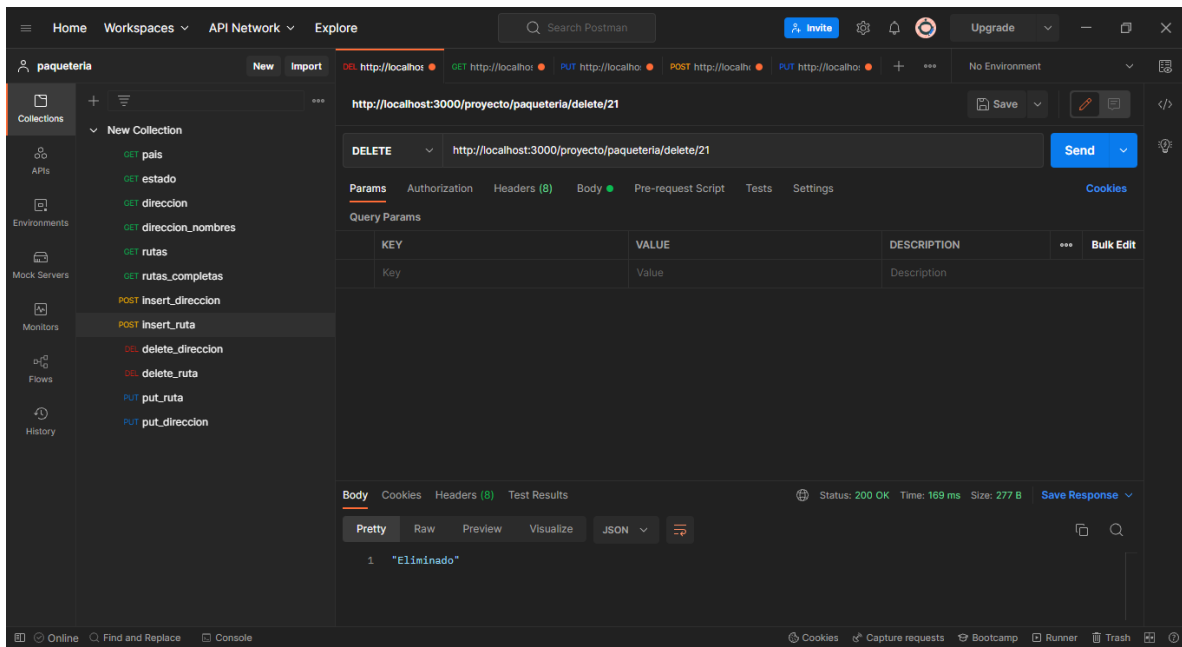
  consulta.query(sql,[id_paquete],(err,rows)=>{
    if(!err)
      res.json('Dato actualizado');
    else
      console.error(err);
  })
})
```



DELETE

```
//Eliminar datos DB
routes.delete('/paqueria/delete/:id_paquete',(req,res)=>{
  const {id_paquete} = req.params;
  let sql = 'DELETE FROM paqueria.paquete WHERE paquete.id_paquete = ?';

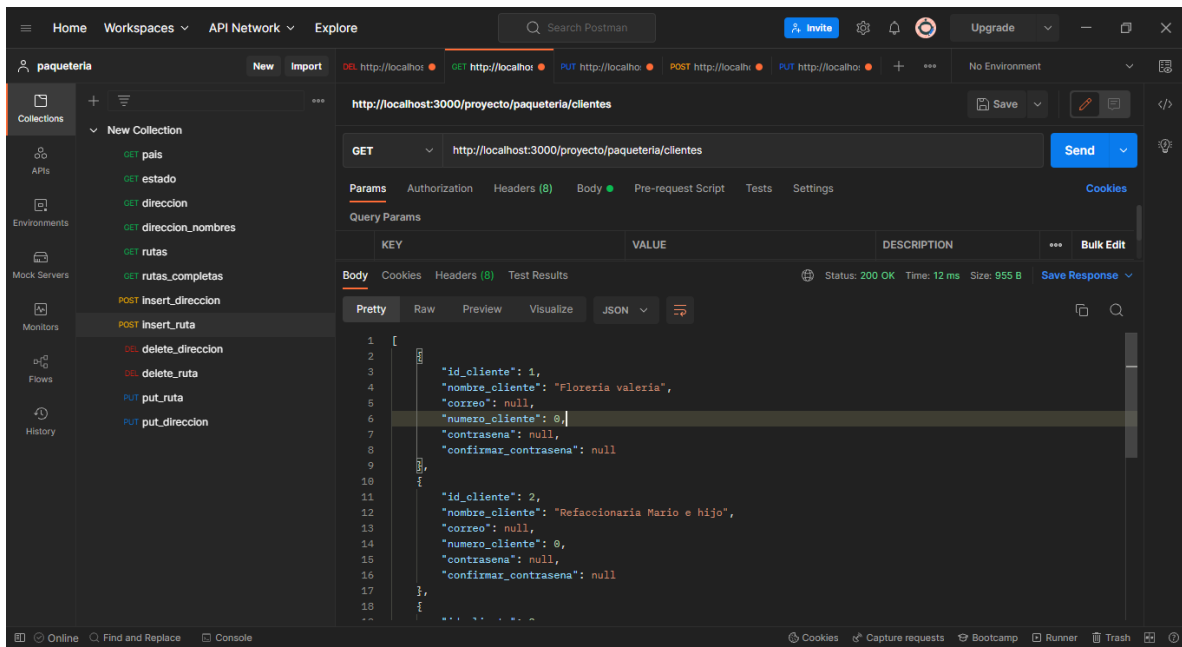
  consulta.query(sql,[id_paquete] ,(err,rows)=>{
    if(!err)
      res.json('Eliminado');
    else
      console.error(err);
  })
})
})
```

CLIENTES

GET

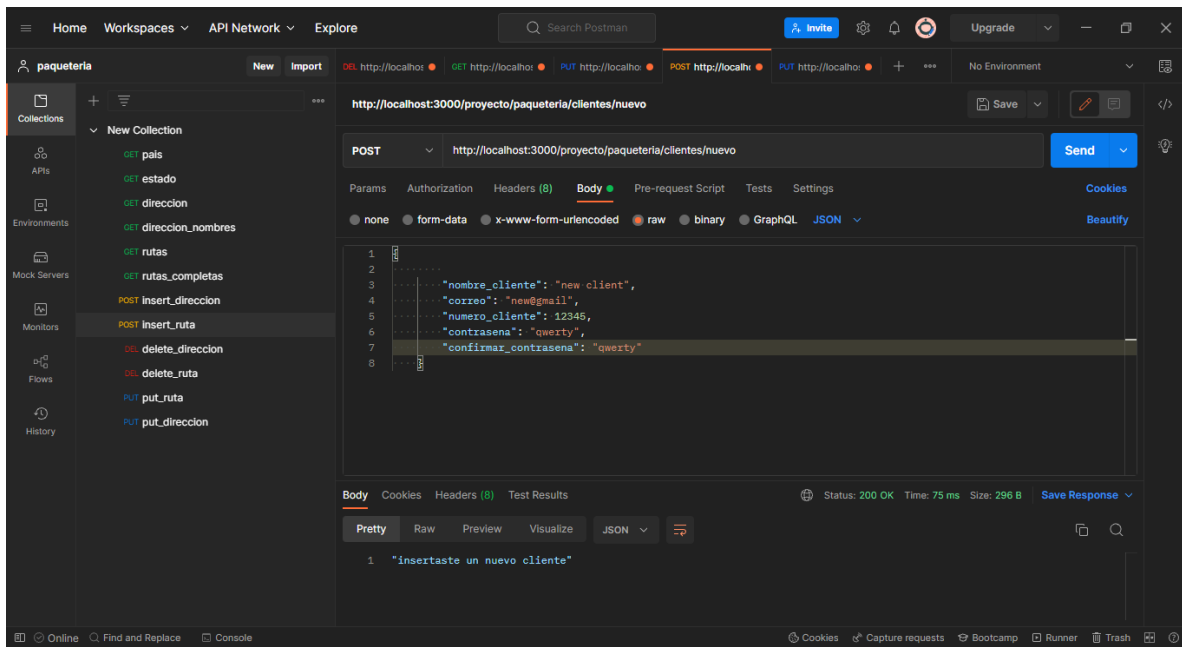
```
//----- Select * From clientes
routes.get('/paqueria/clientes',(req, res)=>{
  let sql = 'select * from clientes;';
  consulta.query(sql, (err, rows) => {
    if (!err) res.json(rows)
    else
      console.error(err)
  })
})
```



POST

```
//----- agregar
routes.post('/paqueria/clientes/nuevo',(req, res)=>{
  const {nombre_cliente, correo, numero_cliente, contrasena,
  confirmar_contrasena} = req.body

  let sql = `insert into clientes(nombre_cliente, correo, numero_cliente,
  contrasena, confirmar_contrasena)
  values('${nombre_cliente}','${correo}','${numero_cliente}','${contrasena}',
  '${confirmar_contrasena}')`
  consulta.query(sql, (err, rows) => {
    if (!err) res.json('insertaste un nuevo cliente')
    else
      console.error(err)
  })
})
```

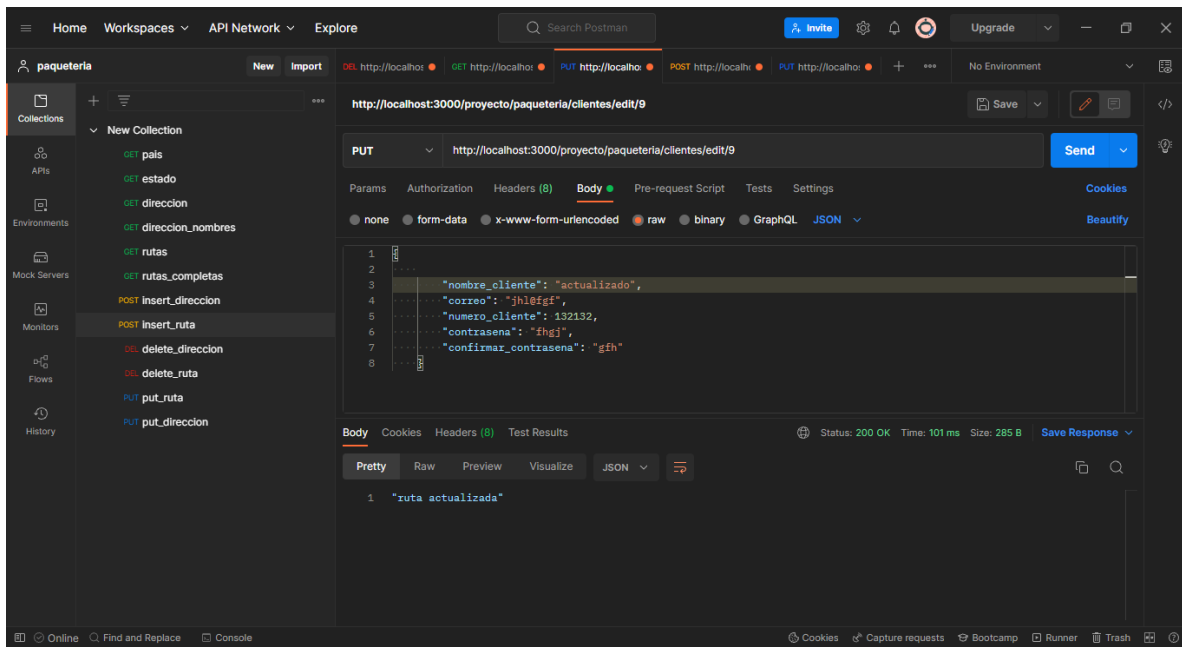


PUT

```
//Modificar
routes.put('/paqueteria/clientes/edit/:id_cliente',(req, res)=>{
  const{id_cliente} = req.params
  const{nombre_cliente, correo, numero_cliente, contrasena,
confirmar_contrasena} = req.body

  let sql = `update clientes set
    nombre_cliente = '${nombre_cliente}',
    correo = '${correo}',
    numero_cliente = '${numero_cliente}',
    contrasena = '${contrasena}',
    confirmar_contrasena = '${confirmar_contrasena}'
    where id_cliente = '${id_cliente}'`

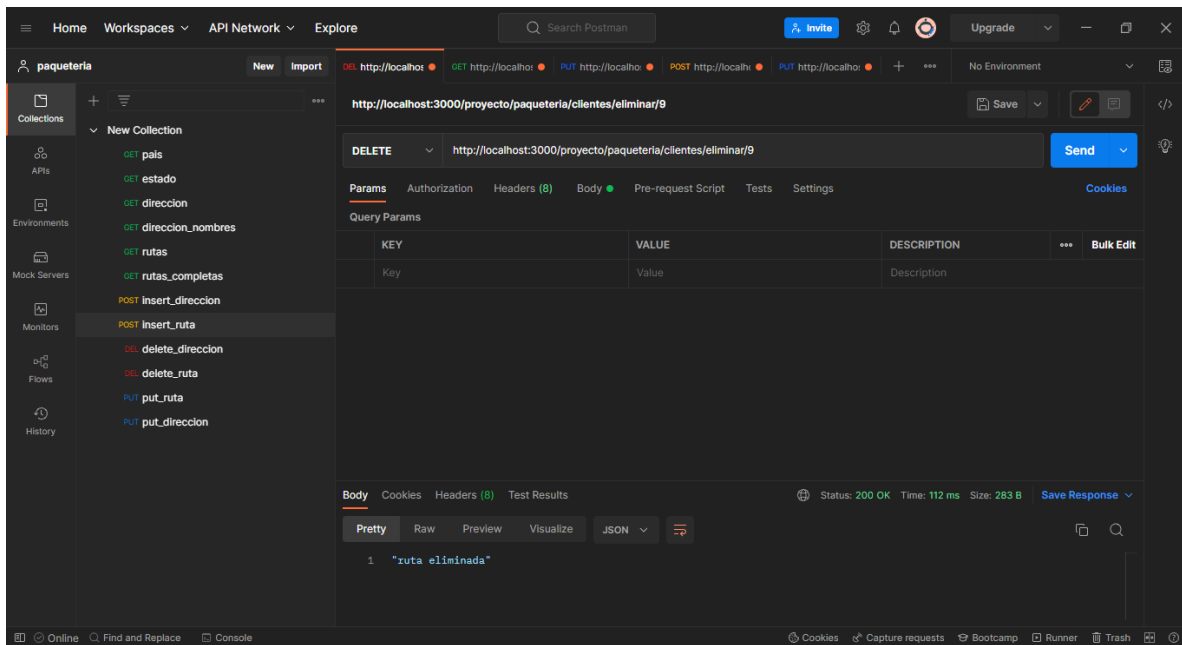
  consulta.query(sql, [id_cliente], (err, rows) => {
    if (!err)
      res.json('ruta actualizada');
    else
      console.error(err);
  })
})
```



DELETE

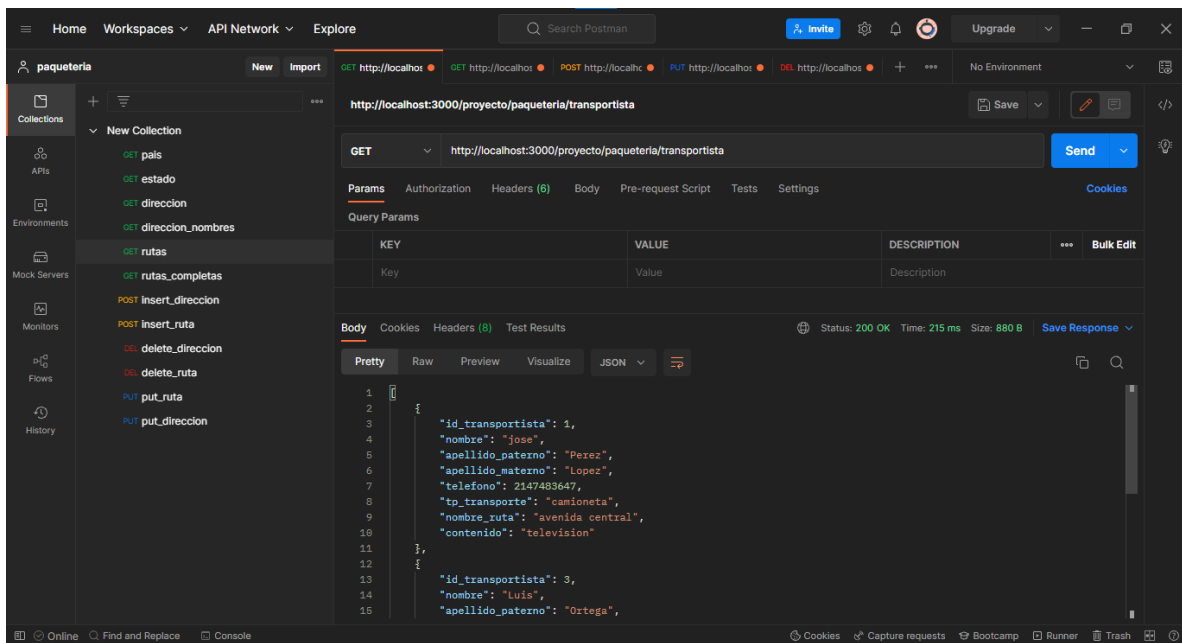
```
//-----eliminar
routes.delete('/paqueteria/clientes/eliminar/:id',(req, res)=>{
  const{id} = req.params

  let sql = `delete from clientes where id_cliente = '${id}'`
  consulta.query(sql, [id], (err, rows) => {
    if (!err) res.json('ruta eliminada')
    else
      console.error(err)
  })
});
```

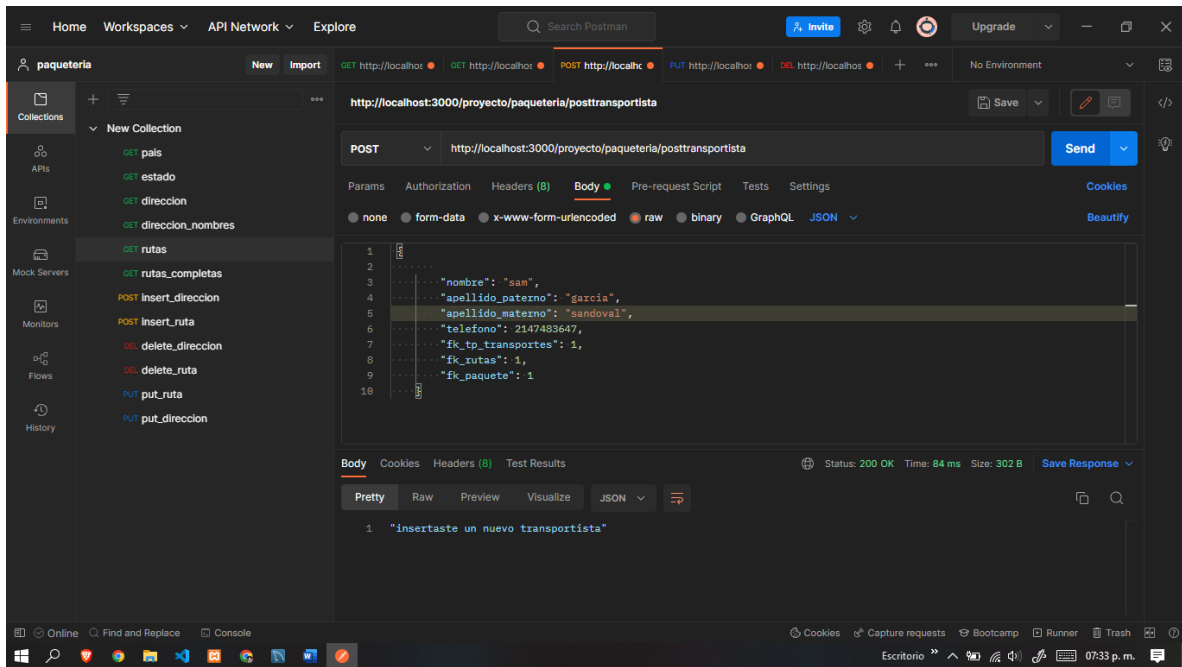


TRANSPORTISTAS

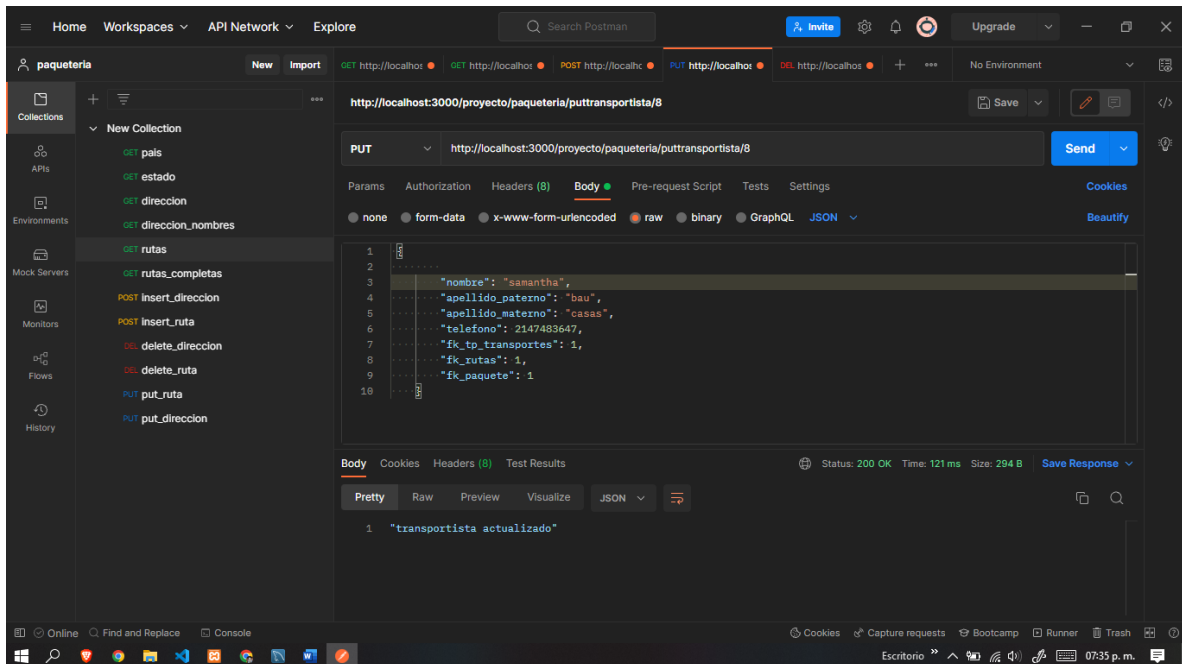
GET



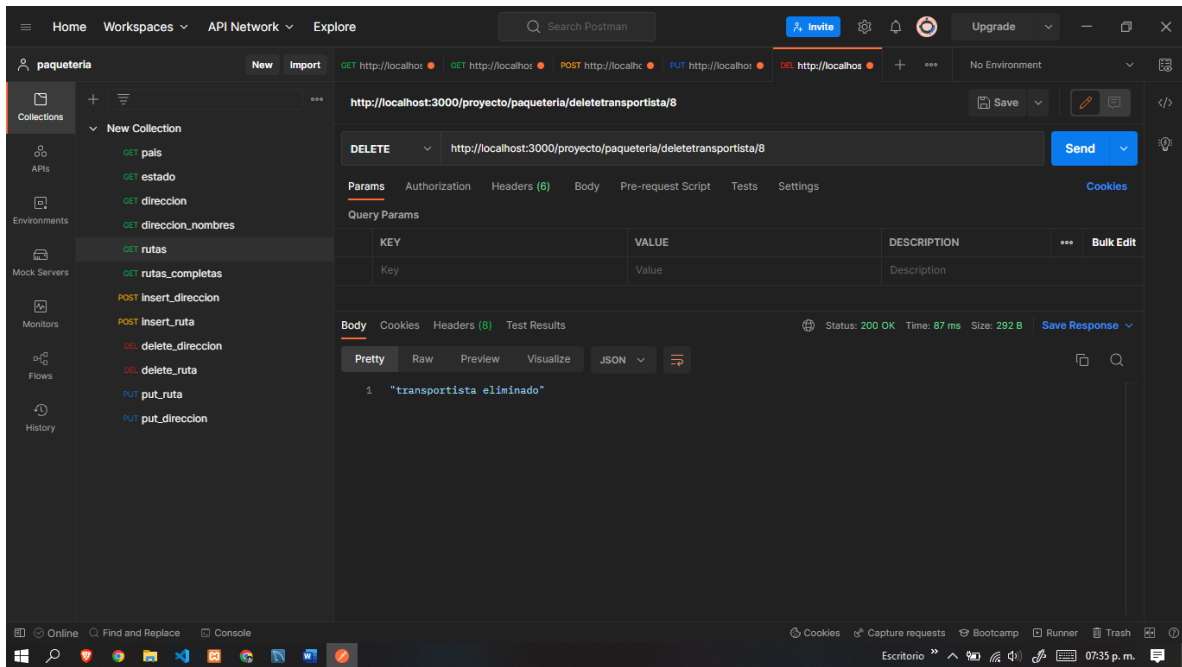
POST



PUT

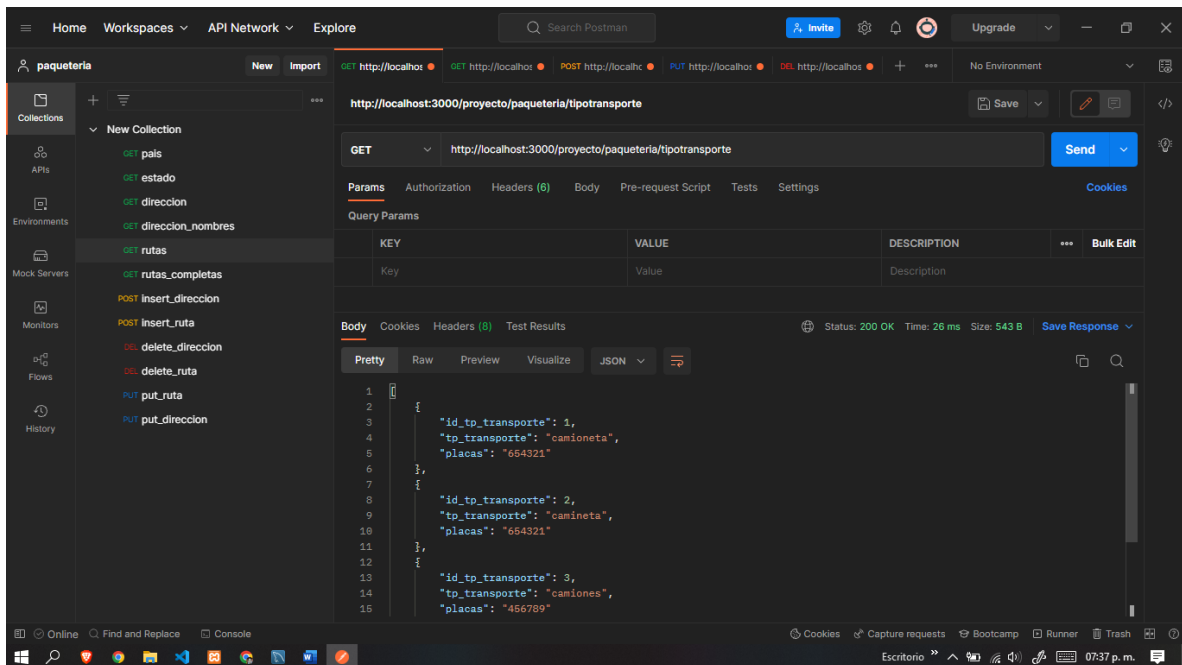


DELETE

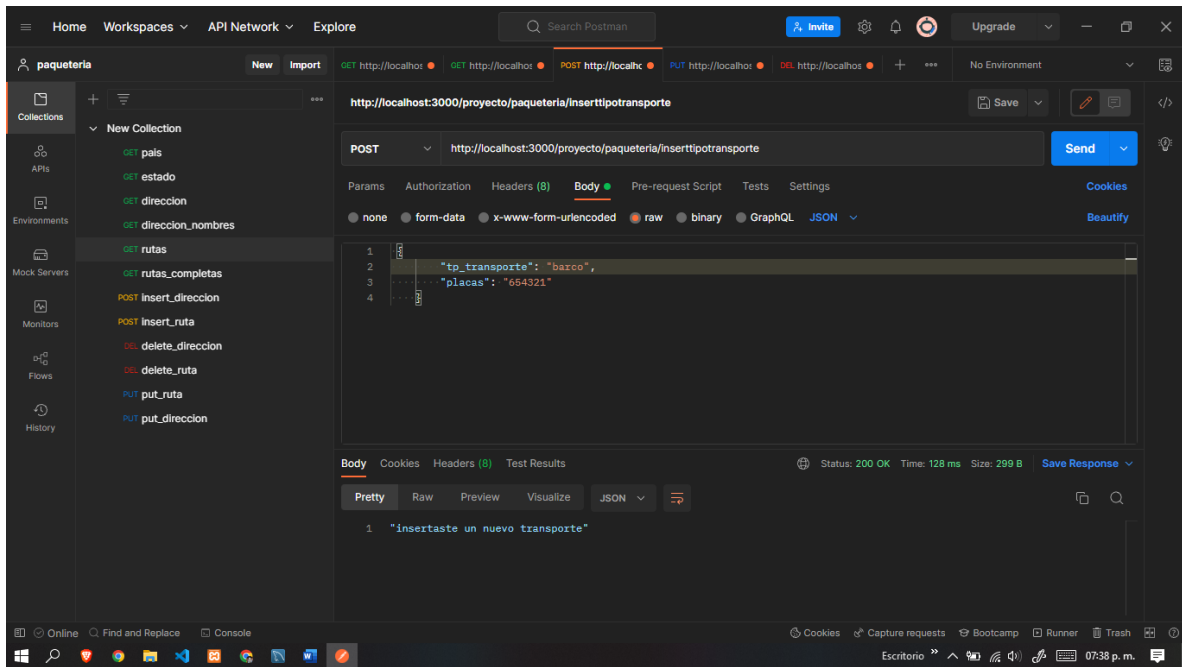


TRANSPORTES

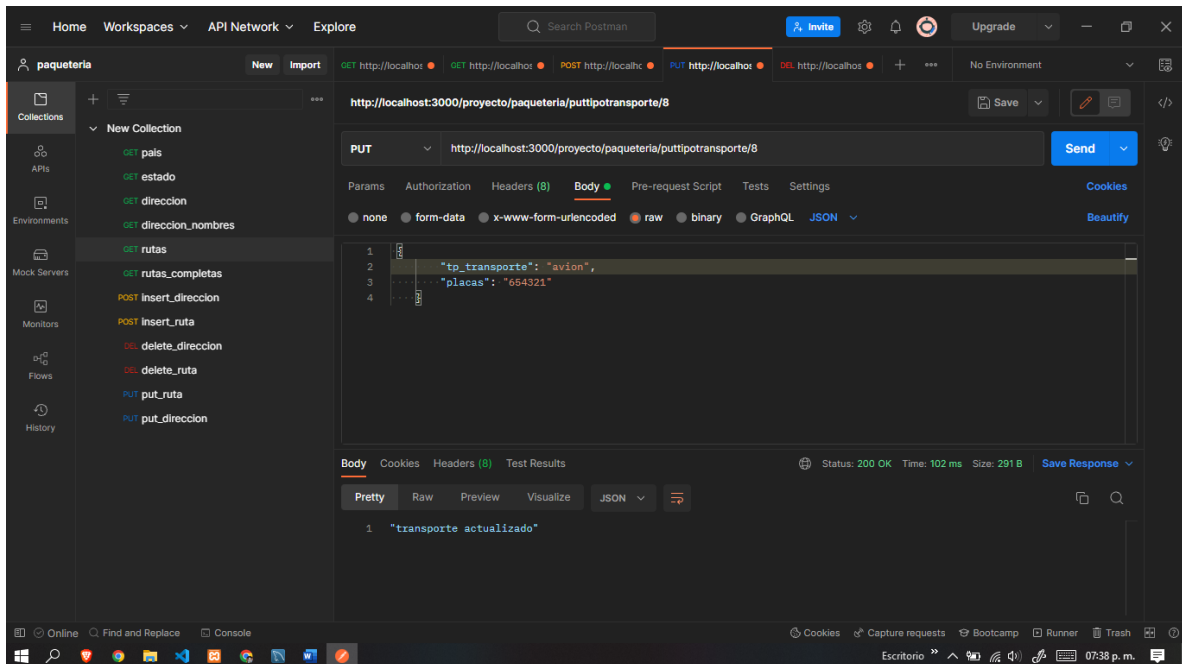
GET



POST



PUT



DELETE

The screenshot displays the Postman application interface. The top bar shows navigation options: Home, Workspaces, API Network, and Explore. A search bar labeled "Search Postman" is present. On the right, there are buttons for "Invite", "Upgrade", and window management icons.

The left sidebar shows a collection named "paqueria" with a "New Collection" button. Below it, a list of API endpoints is visible, including "pais", "estado", "direccion", "direccion_nombres", "rutas", "rutas_completas", "insert_direccion", "insert_ruta", "delete_direccion", "delete_ruta", "put_ruta", and "put_direccion".

The main workspace shows a DELETE request to the URL "http://localhost:3000/proyecto/paqueria/deletetipotransporte/8". The request is configured with the following details:

- Method: DELETE
- URL: http://localhost:3000/proyecto/paqueria/deletetipotransporte/8
- Params: Query Params (Key, Value, Description)
- Body: Pretty (Raw, Preview, Visualize, JSON)
- Status: 200 OK
- Time: 61 ms
- Size: 283 B
- Save Response

The response body is displayed in the "Body" tab, showing a JSON object: `{\"ruta eliminada\"}`.

The bottom status bar includes icons for "Online", "Find and Replace", "Console", "Cookies", "Capture requests", "Bootcamp", "Runner", "Trash", and a system clock showing "Escritorio 07:39 p. m."