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## TABLA CONTENIDO

1 - AVANCE S SINCE FUNCIONALIDADES

DIAGRAMA ARQUITECTURA

B DEMOSTRACIONES 45 =



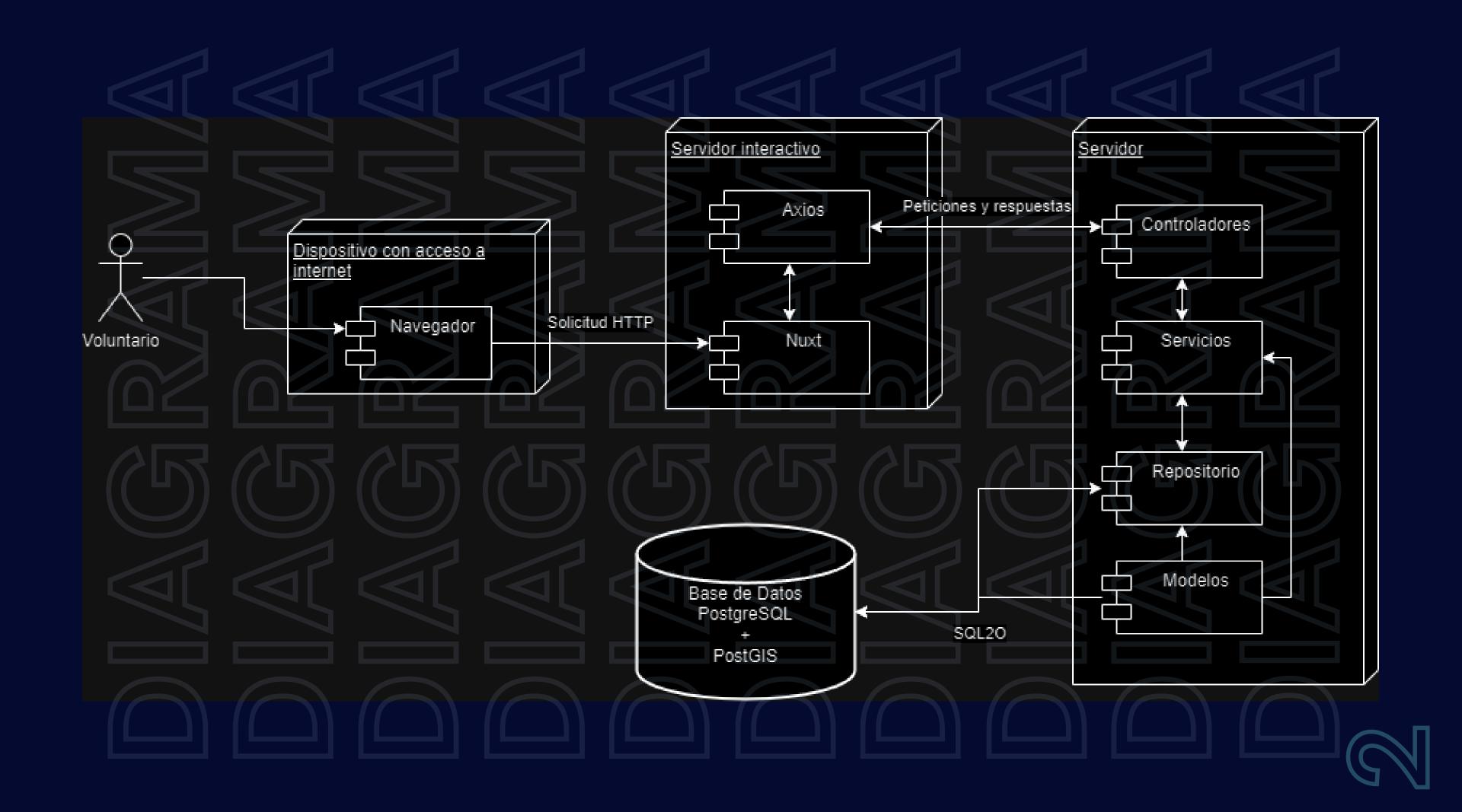
## TABLA CONTENIDO





#### Funcionalidades - Progreso:

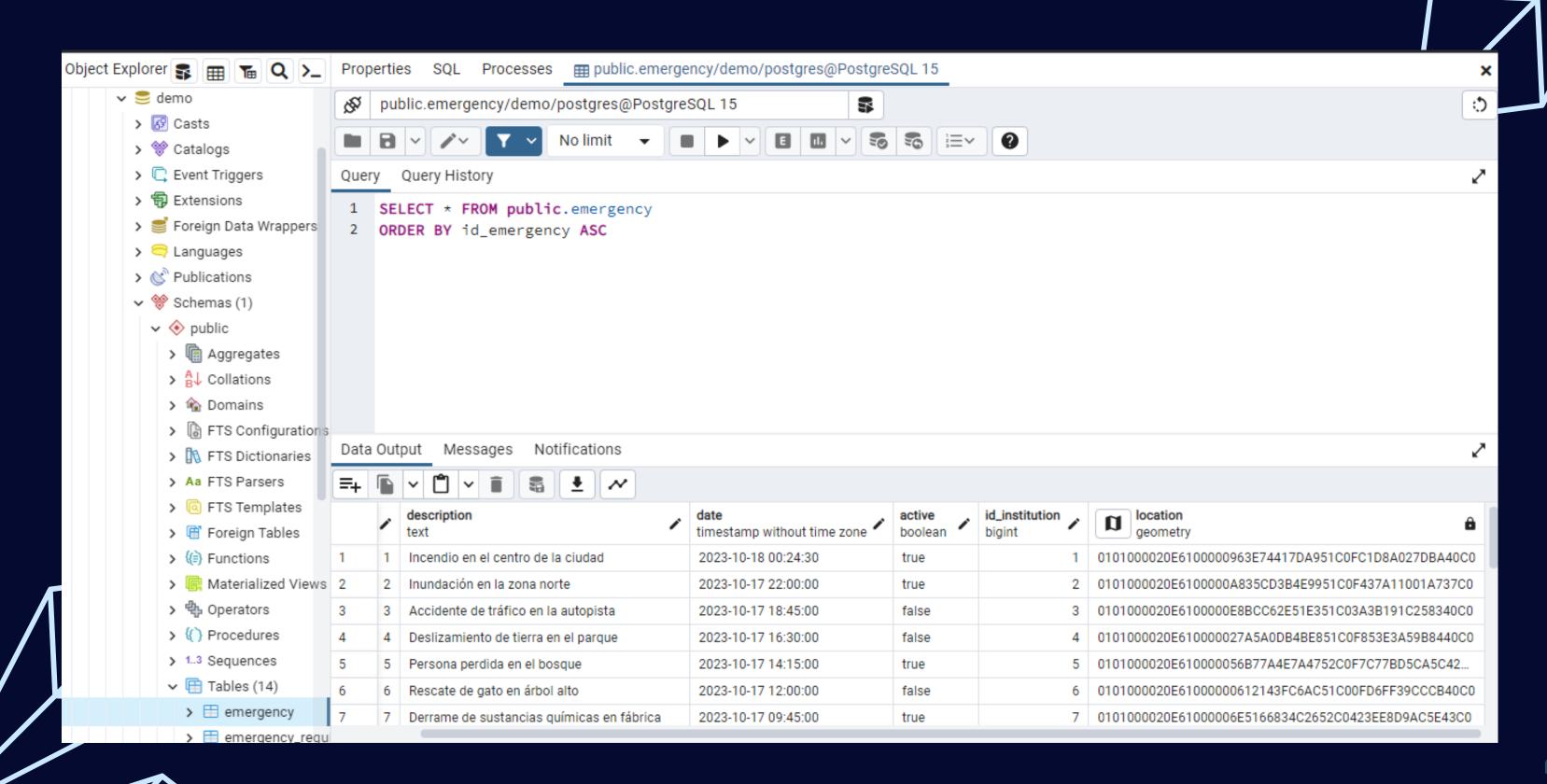
- 1) Se debe guardar la ubicación de la emergencia como punto en la BD (13)
- 2) Se debe guardar la ubicación de tarea como punto en la BD (15) 100%
- 3) Se deben guardar las regiones de Chile en la BD como poli-polígono (16)
  - 4) Se deben obtener la lista de emergencias que pertenecen a la misma región que el voluntario actual (25) 100%

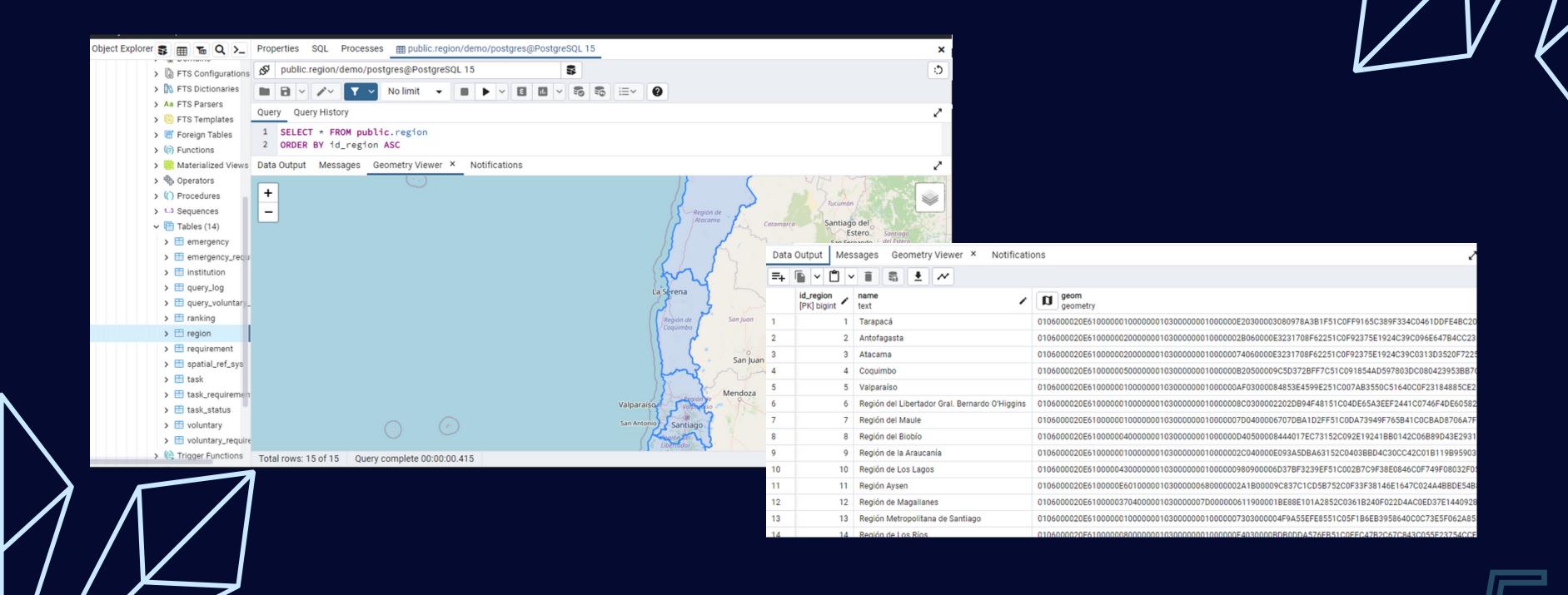


```
@PostMapping ♥>
public EmergencyDto createEmergency(@RequestBody EmergencyDto dto) {
    Emergency emergency = new Emergency();
    emergency.setId_emergency(dto.getId_emergency());
    emergency.setDescription(dto.getDescription());
    emergency.setDate(dto.getDate());
    emergency.setActive(dto.getActive());
    emergency.setId_institution(dto.getId_institution());
    WKTReader reader = new WKTReader();
    try {
        Point location = (Point) reader.read(dto.getLocation());
        emergency.setLocation(location);
    } catch (ParseException e) {
        // Manejar la excepción
    Emergency savedEmergency = service.create(emergency);
    return convertToDto(savedEmergency);
```

```
private EmergencyDto convertToDto(Emergency emergency) {
    EmergencyDto dto = new EmergencyDto();
    dto.setId_emergency(emergency.getId_emergency());
    dto.setDescription(emergency.getDescription());
    dto.setDate(emergency.getDate());
    dto.setActive(emergency.getActive());
    dto.setId_institution(emergency.getId_institution());
    dto.setLocation(emergency.getLocation().toText());
    System.out.println("Exit");
    return dto;
}
```

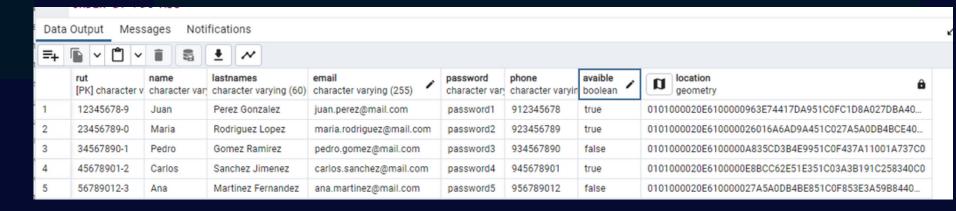






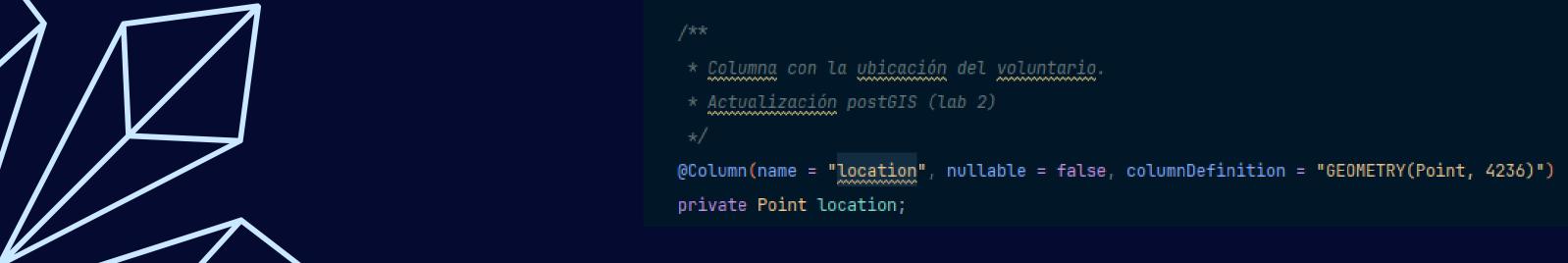
```
@PostMapping(©~"/register")
public ResponseEntity<VoluntaryDto> register(@RequestBody VoluntaryDto dto) {
   Voluntary voluntary = new Voluntary();
   voluntary.setRut(dto.getRut());
    voluntary.setName(dto.getName());
   voluntary.setLastnames(dto.getLastnames());
   voluntary.setEmail(dto.getEmail());
   voluntary.setPassword(dto.getPassword());
   voluntary.setPhone(dto.getPhone());
   voluntary.setAvaible(dto.getAvaible());
   WKTReader reader = new WKTReader();
   trv {
       Point location = (Point) reader.read(dto.getLocation());
        voluntary.setLocation(location);
    } catch (ParseException e) {
        // Manejar la excepción
   Voluntary registeredVoluntary = service.register(voluntary);
    return new ResponseEntity ♦ (convertToDto(registeredVoluntary), HttpStatus.CREATED);
```

```
private VoluntaryDto convertToDto(Voluntary voluntary) {
    VoluntaryDto dto = new VoluntaryDto();
    dto.setRut(voluntary.getRut());
    dto.setName(voluntary.getName());
    dto.setLastnames(voluntary.getLastnames());
    dto.setEmail(voluntary.getEmail());
    dto.setPassword(voluntary.getPassword());
    dto.setPhone(voluntary.getPhone());
    dto.setAvaible(voluntary.getAvaible());
    dto.setLocation(voluntary.getLocation().toText());
    return dto;
}
```





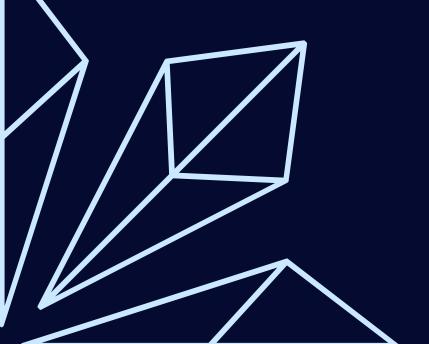




```
# Ch3chS
@GetMapping(©~"/byVoluntaryLocation/{rut}")
public List<EmergencyDto> getEmergenciesByVoluntaryLocation(@PathVariable String rut) {
    List<Emergency> emergencies = service.getByVoluntaryLocation(rut);
    return emergencies.stream().map(this::convertToDto).collect(Collectors.toList());
}
```

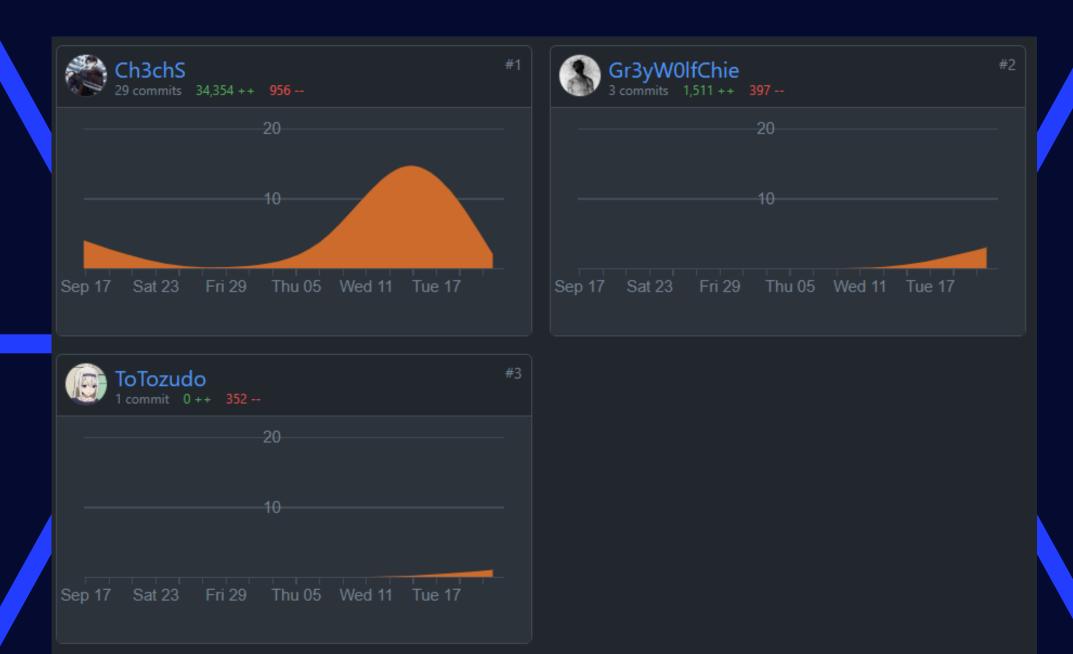


# DEMOSTRACIONES





# CONTRIBUCIONES



#### Dificultades:

- Coordinación de tiempos
- Distribución de tareas
- Nuevas herramientas

#### Logros:

- Cumplimiento del 100% de requerimientos y funcionalidades
- Aprendizaje y desarrollo como equipo
- Aprendizaje y desarrollo a nivel personal