



OVERWATCH

- Design
  - Algemeen
  - Front end
  - Communicatie
  - Back end
- Database
- Samenwerking
- Taakverdeling
- Demo

# Design - Algemeen



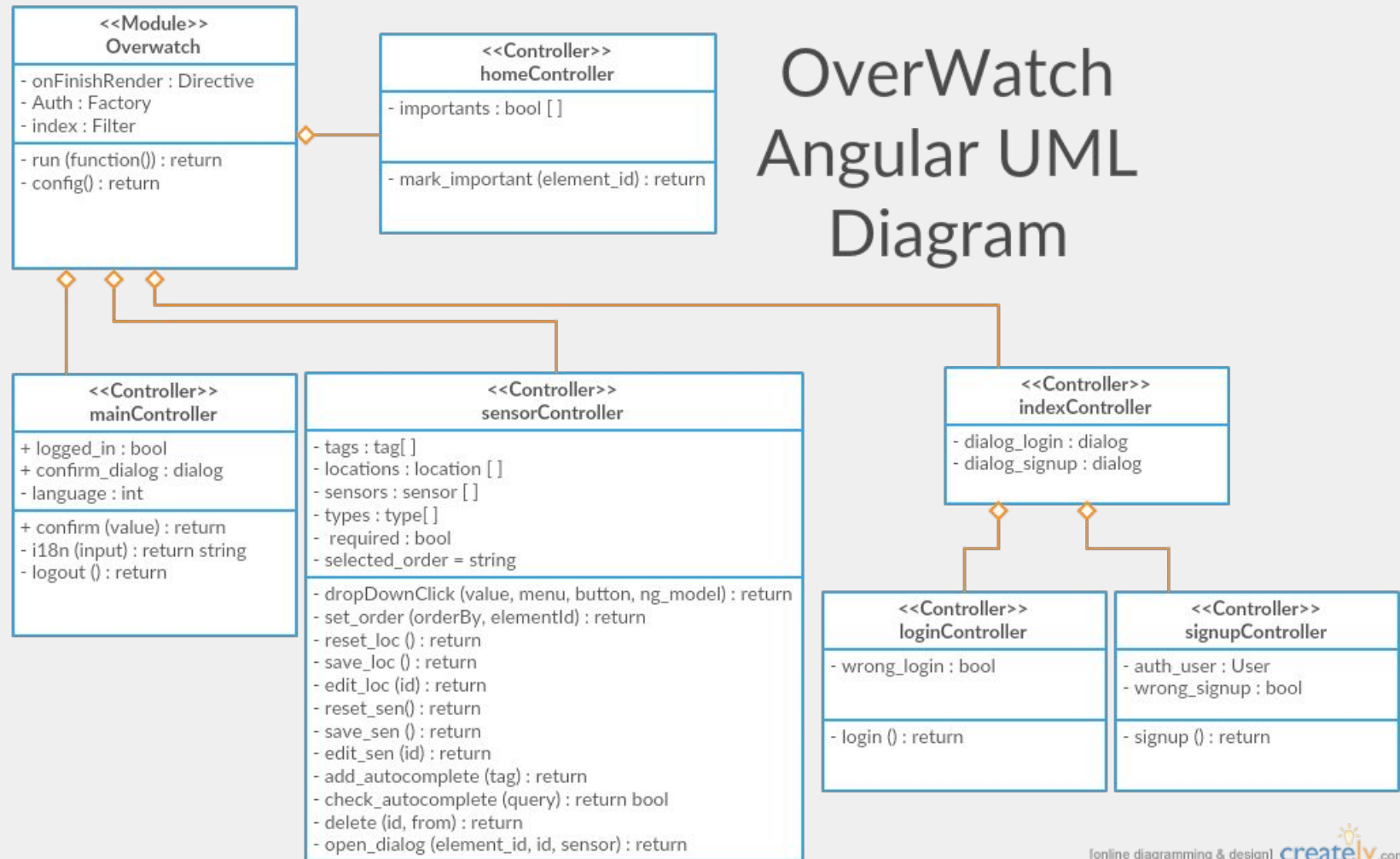
# Design - Frontend



# Design - Frontend



## OverWatch Angular UML Diagram



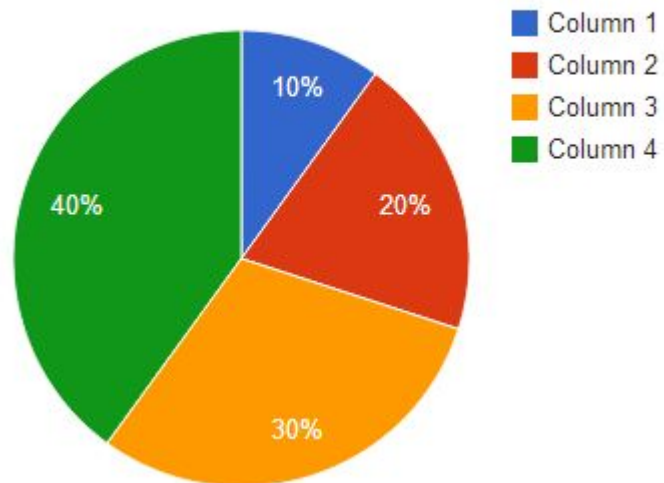


## Material Design Lite

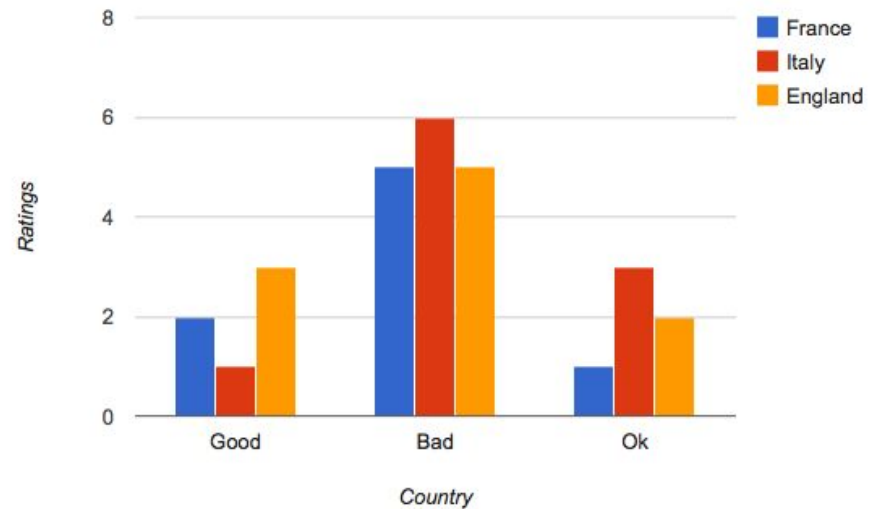
# Design - Frontend



Google Charts Example



Ratings per Country

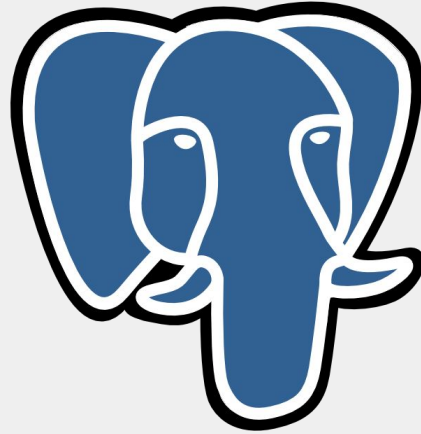


- WebSockets
  - Één TCP connectie
  - Real time data transfer
  - Communicatie in beide richtingen
- Communicatie Front end - Back end
  - Custom JSON formaten
  - Python - Javascript





```
async def get_user(db):  
    cursor = await db.get(...)  
    return cursor[0]
```



PostgreSQL

# Database



- fake\_server
  - simpele server voor frontend
  - scenarios
- Continuous integration
  - git push → server start opnieuw op
  - frontend moet niet alles installeren

# Taakverdeling



- Frontend
  - Visuele aspect: HTML/CSS → Sam
  - Angular: HTML/Javascript → Stijn
  - Javascript → Jeroen
- Backend, SQL → Anthony, Evert

# Demo



[overwatch.com](https://overwatch.com)