

# Ideas - Web Application – Part 2



Berufsakademie Sachsen  
Staatliche Studienakademie Leipzig  
Module: System Implementation  
Lecturer: Prof. Dr.-Ing. Christian Heller  
Seminar Group: CS14  
16.12.2016

A presentation by:

geopras  
cs14rk1  
bassbiene



# Outline

- 1 Frontend Example
- 2 WebAPI Example
- 3 DataManager
- 4 Project Organisation
- 5 Conclusion

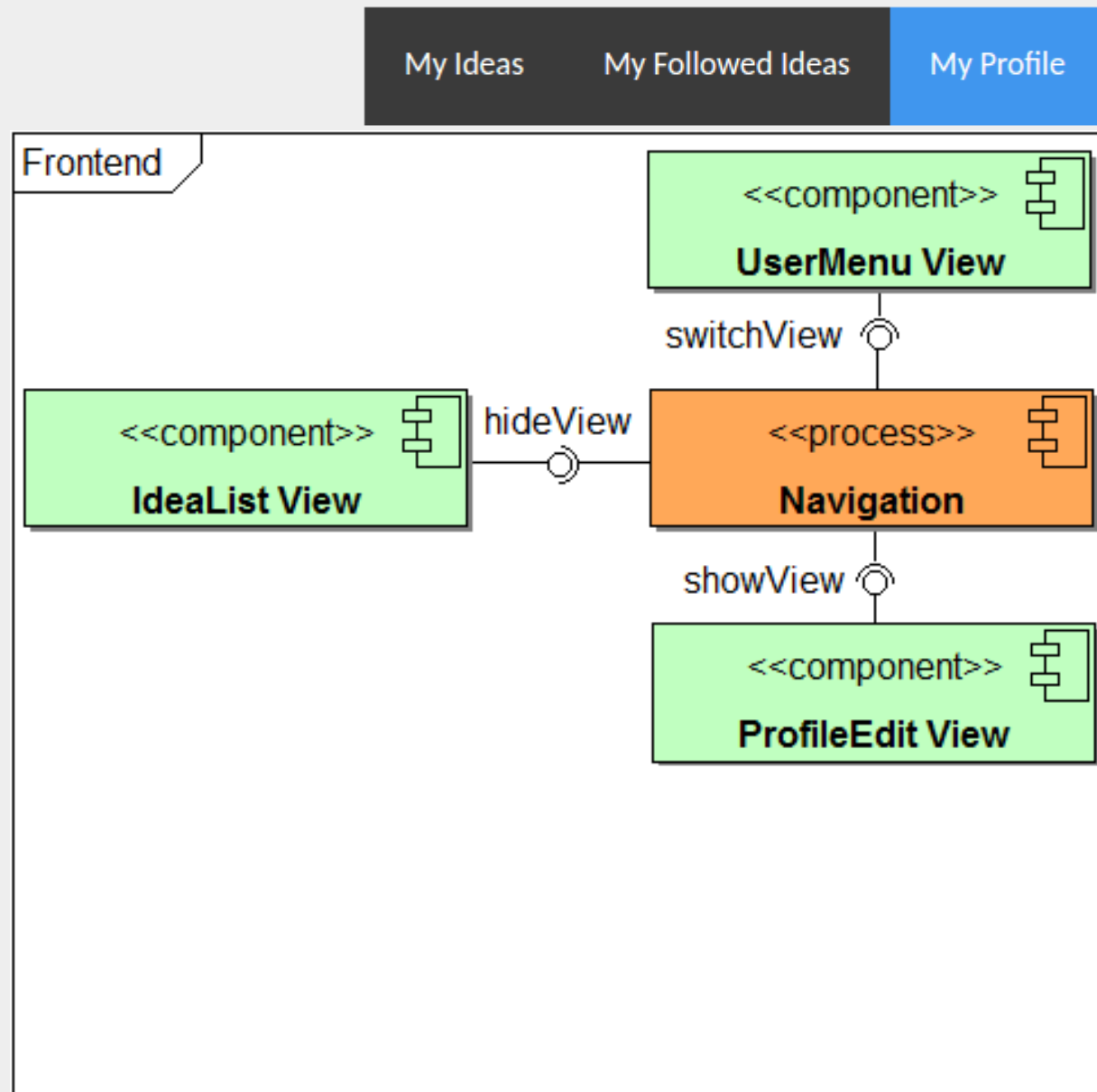
[My Ideas](#)[My Followed Ideas](#)[My Profile](#)

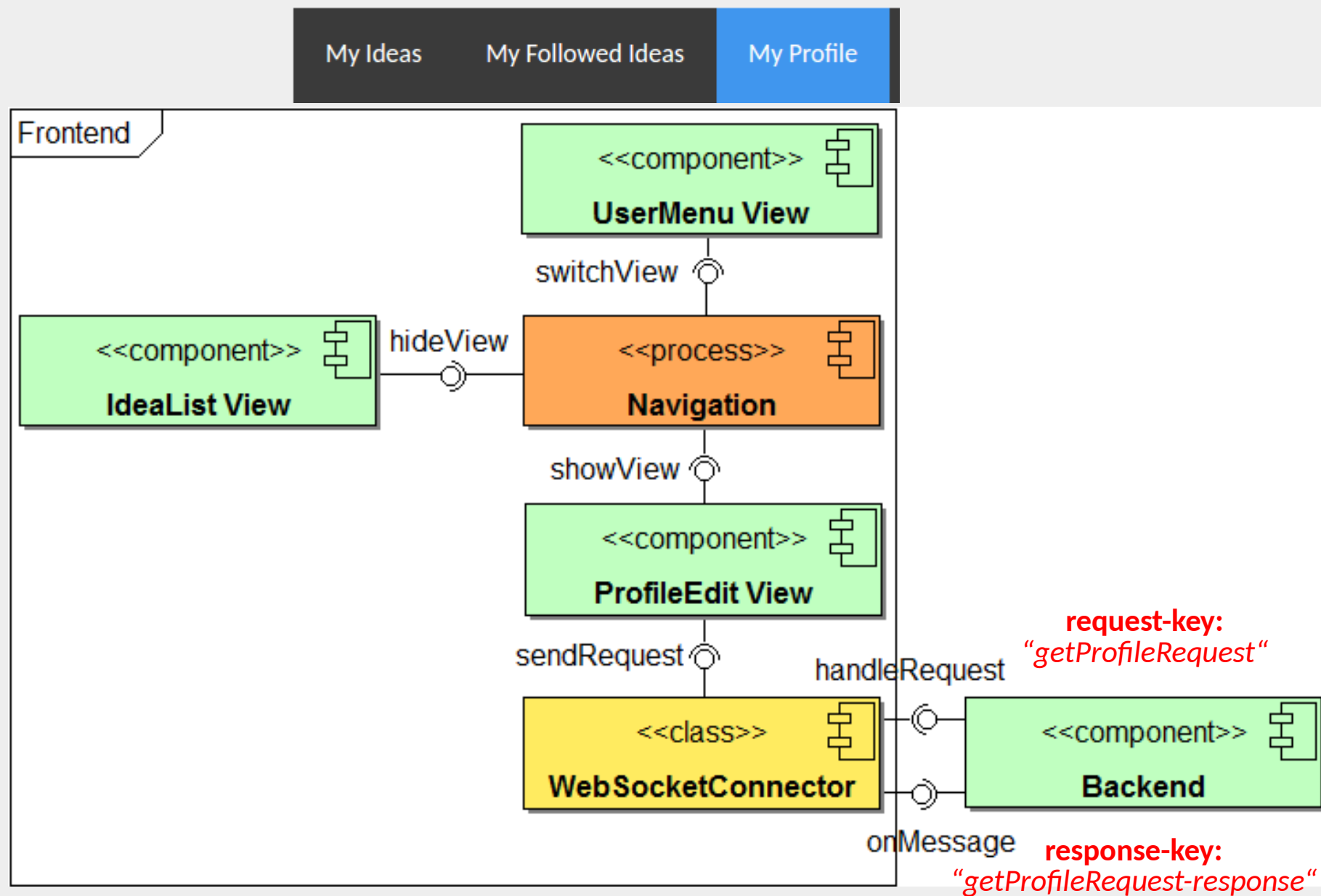
Frontend

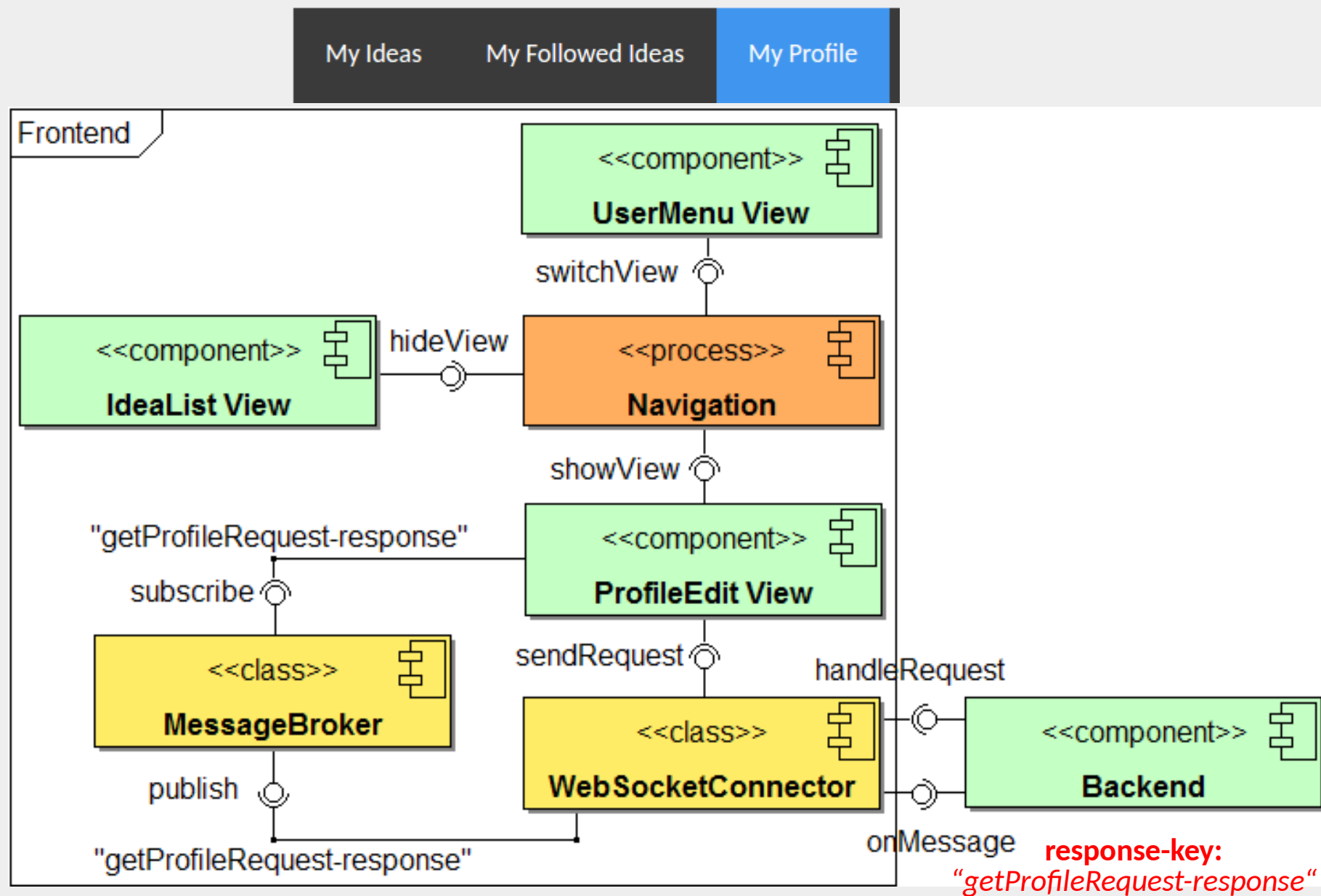
<<component>>



**UserMenu View**







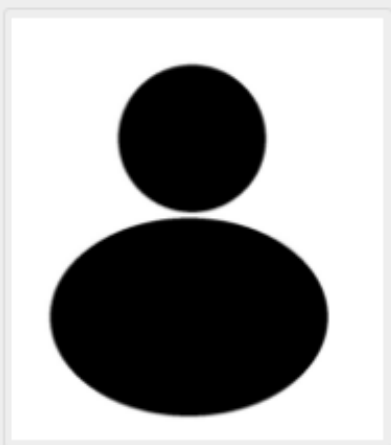


My Ideas

My Followed Ideas

My Profile

## My Profile



Browse ...

Username

georg

Email

g.e@org

☐ allow people to contact me (Email address is public)

Surname

Andrassy

First Name

Georg

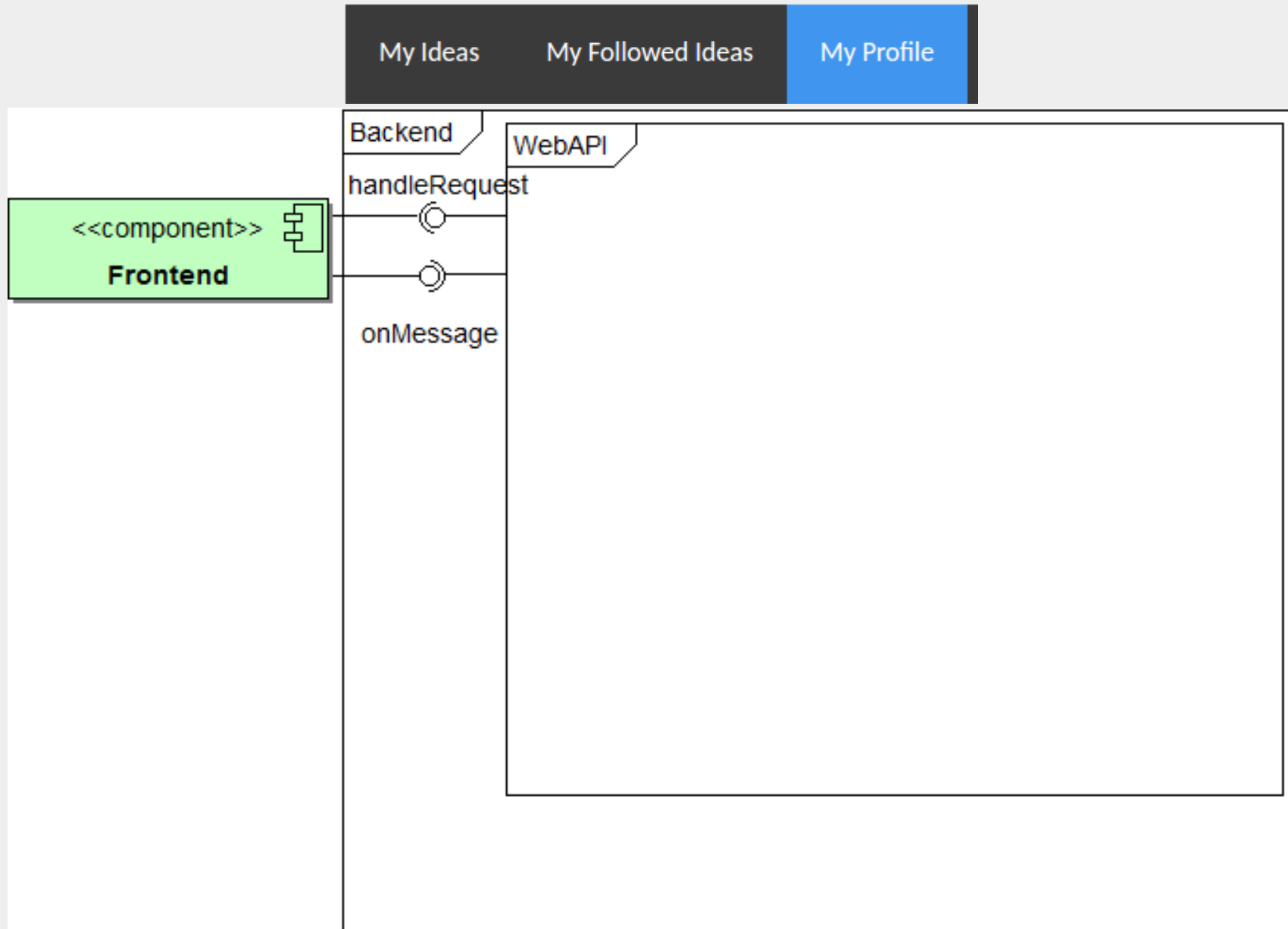
Gender

Male ▼

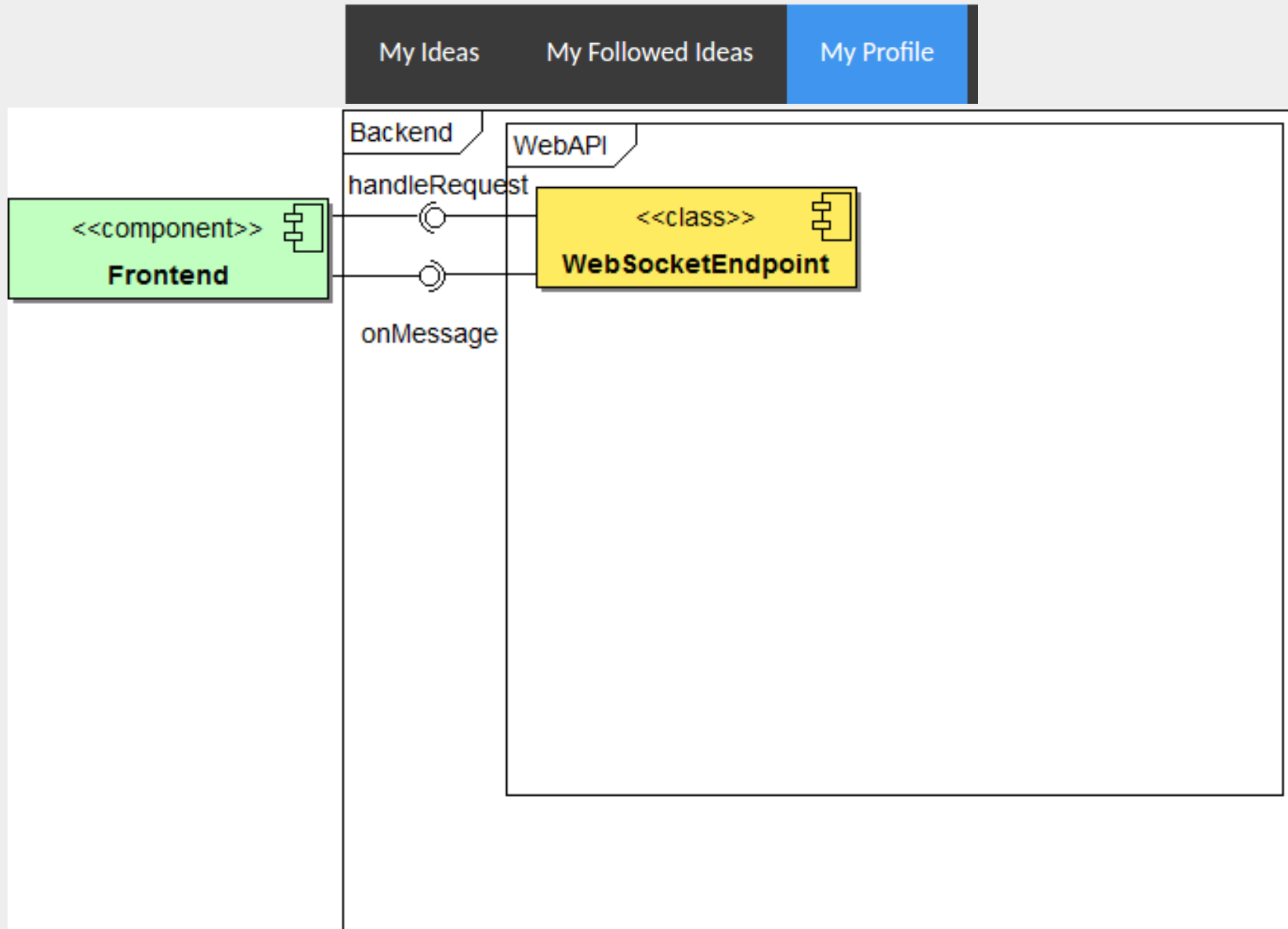
Language

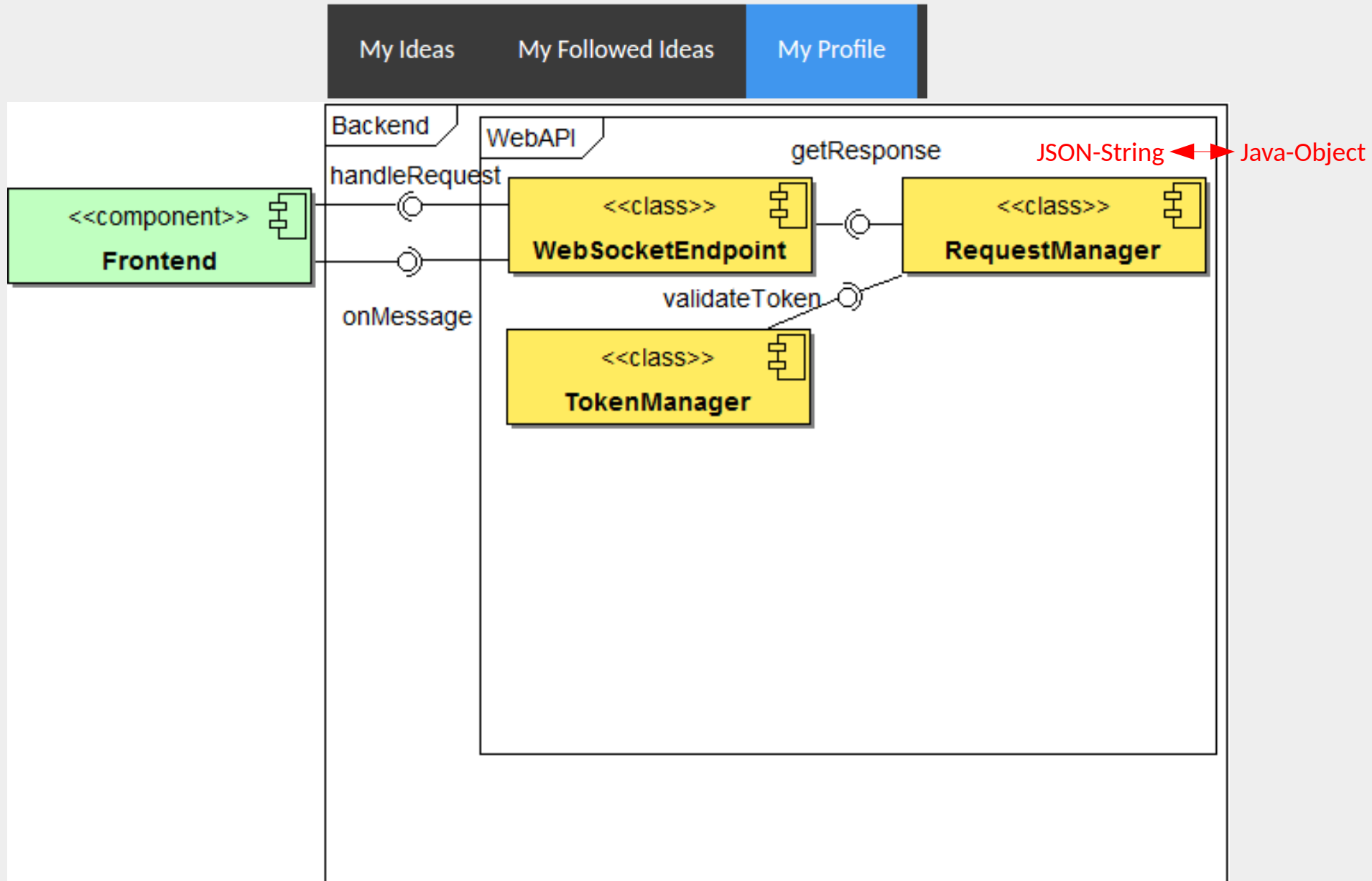
Deutsch ▼

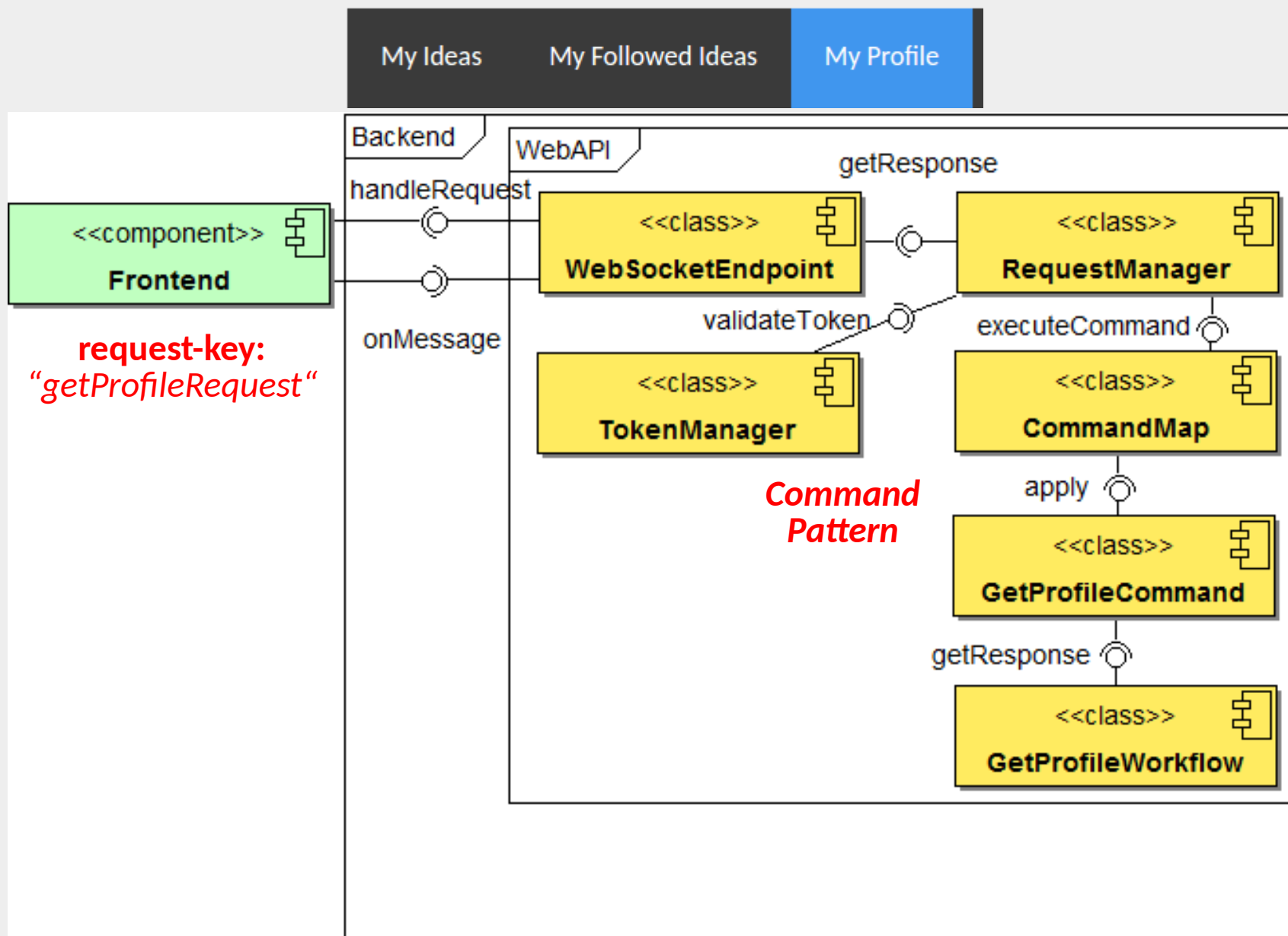
Submit

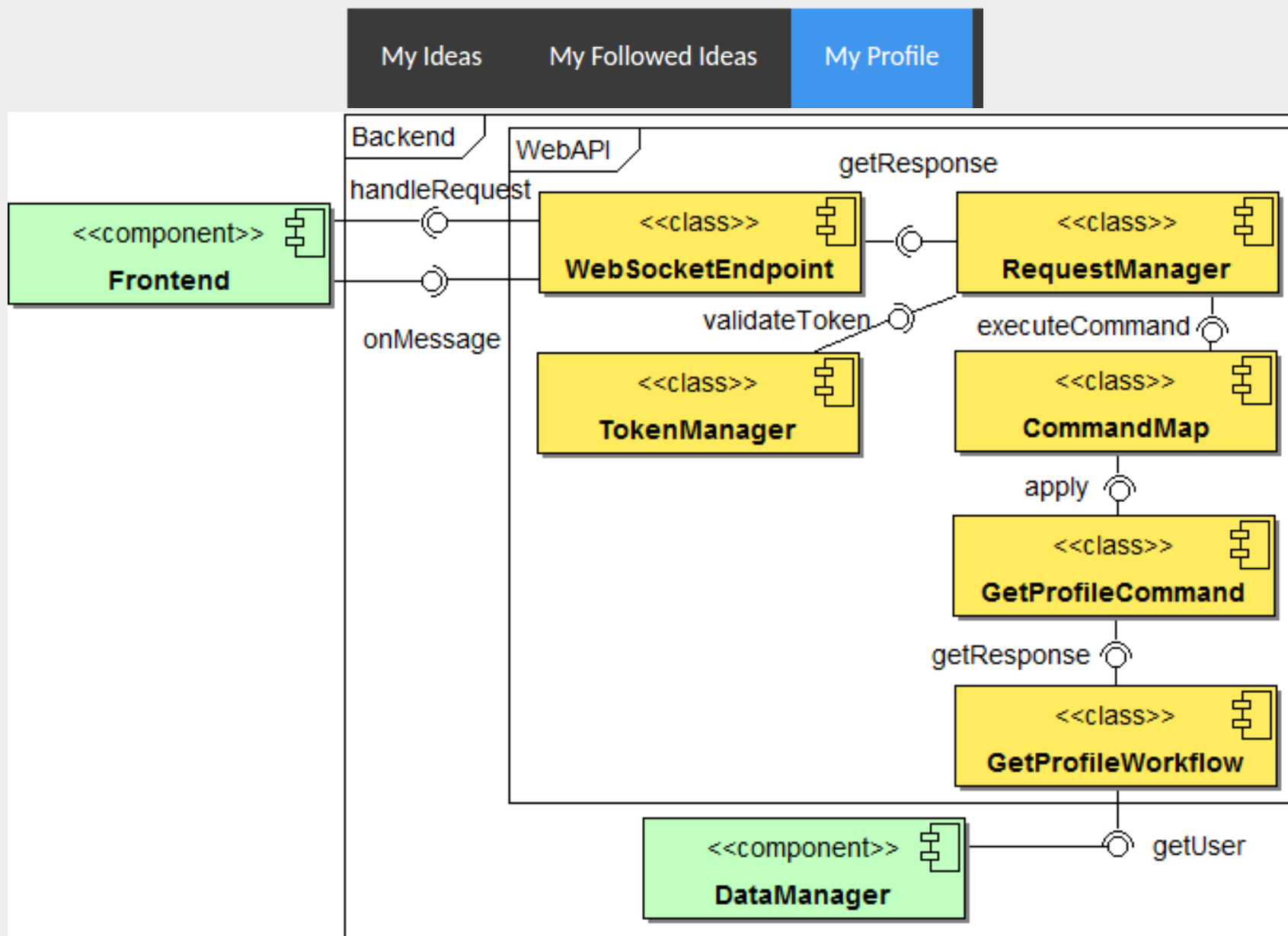


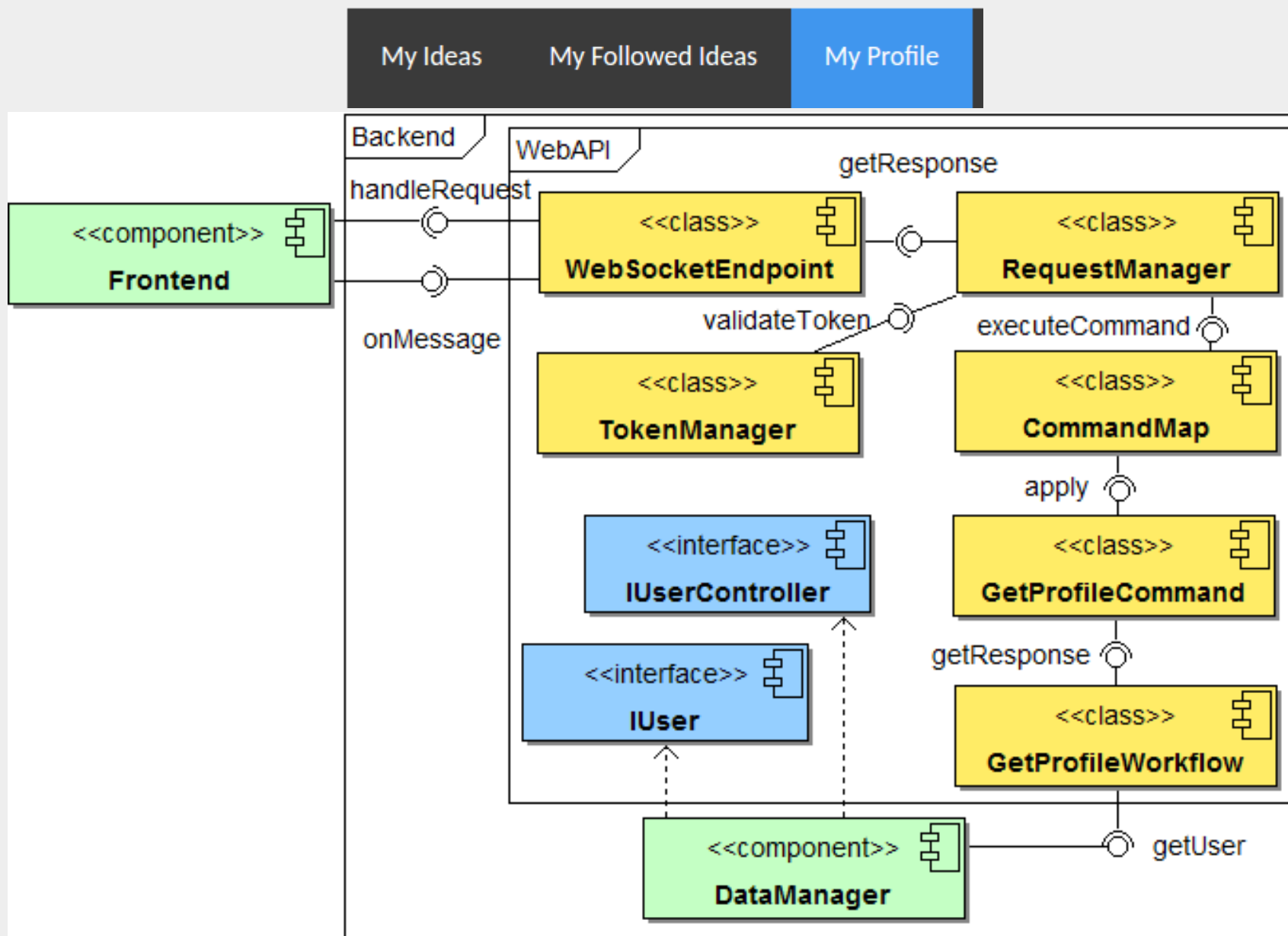






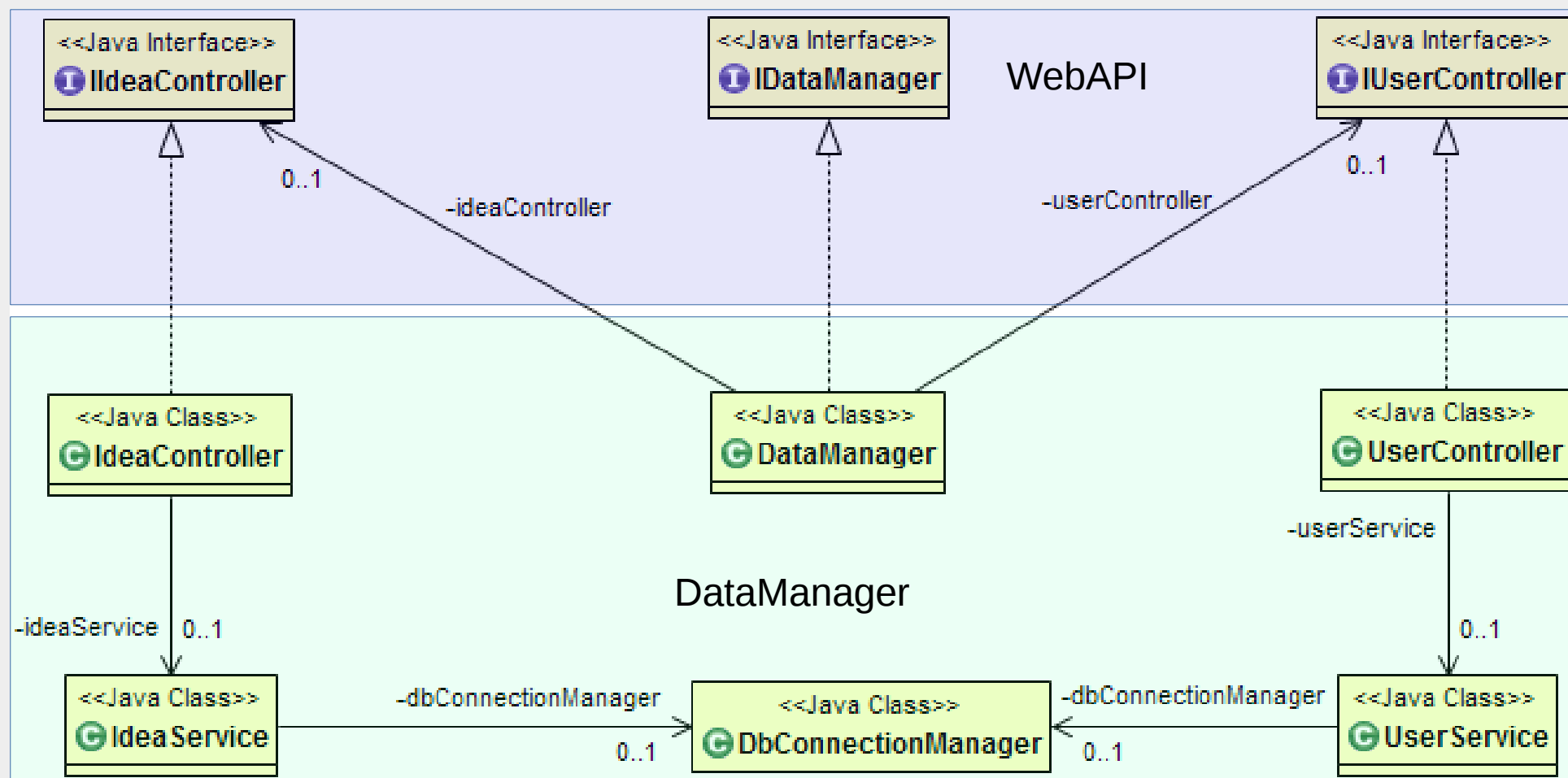






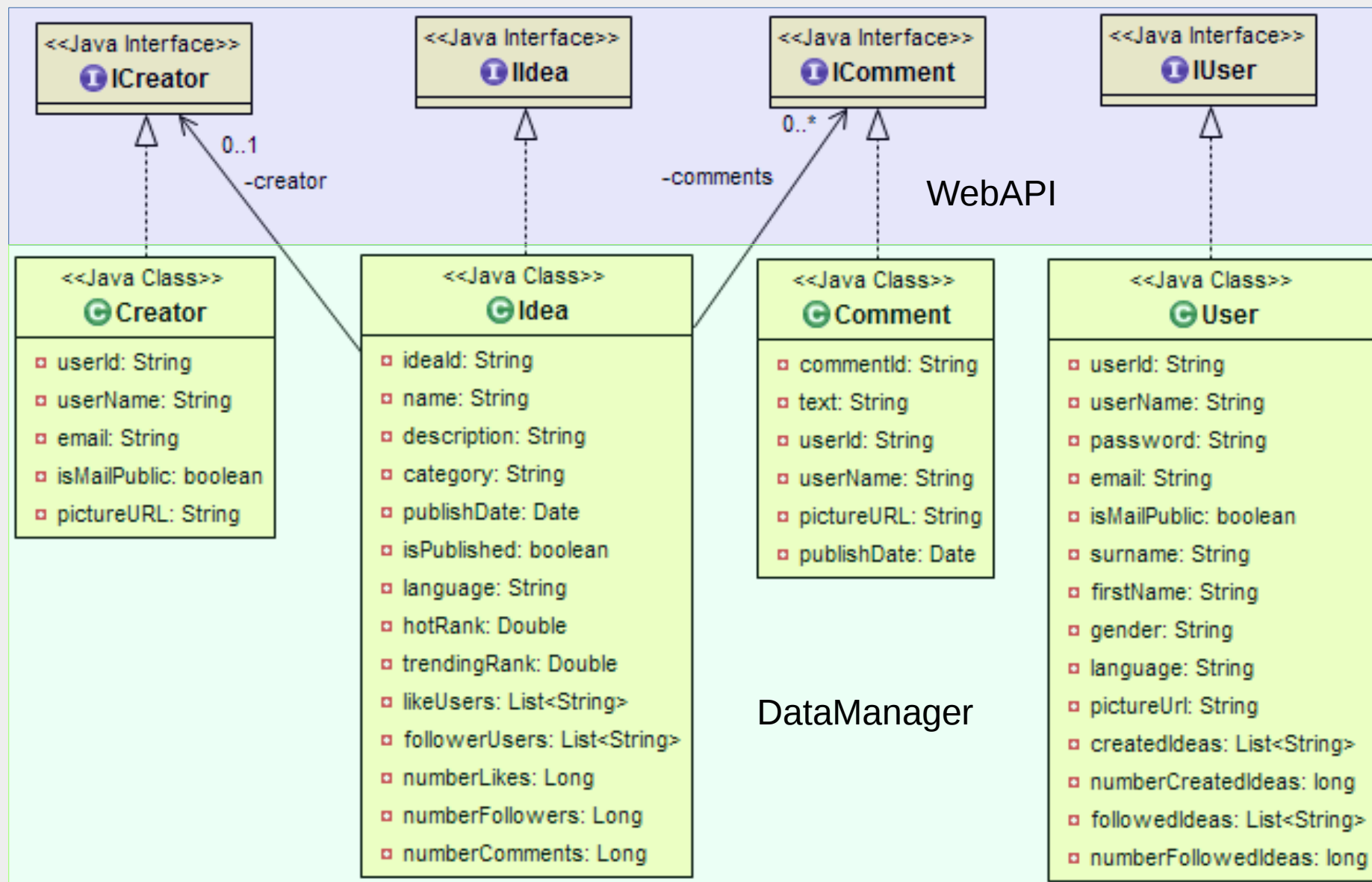


# 3. DataManager





# 3.1 Plain Old Java Object (POJO)





## 3.2 Conversion between POJO and Document

```
private static Document buildCreatorDocument(ICreator creator) {
    return new Document("userId", creator.getUserId() )
        .append("userName", creator.getUserName())
        .append("email", creator.getEmail())
        .append("isMailPublic", creator.getIsMailPublic())
        .append("pictureURL", creator.getPictureURL());
}

public static ICreator buildCreator(Document creatorDoc) {
    ICreator creator = new Creator();
    creator.setUserId(creatorDoc.getString("userId"));
    creator.setUserName(creatorDoc.getString("userName"));
    creator.setEmail(creatorDoc.getString("email"));
    creator.setIsMailPublic(creatorDoc.getBoolean("isMailPublic"));
    creator.setPictureURL(creatorDoc.getString("pictureUrl"));
    return creator;
}
```





## 3.3 Sub-document „creator“

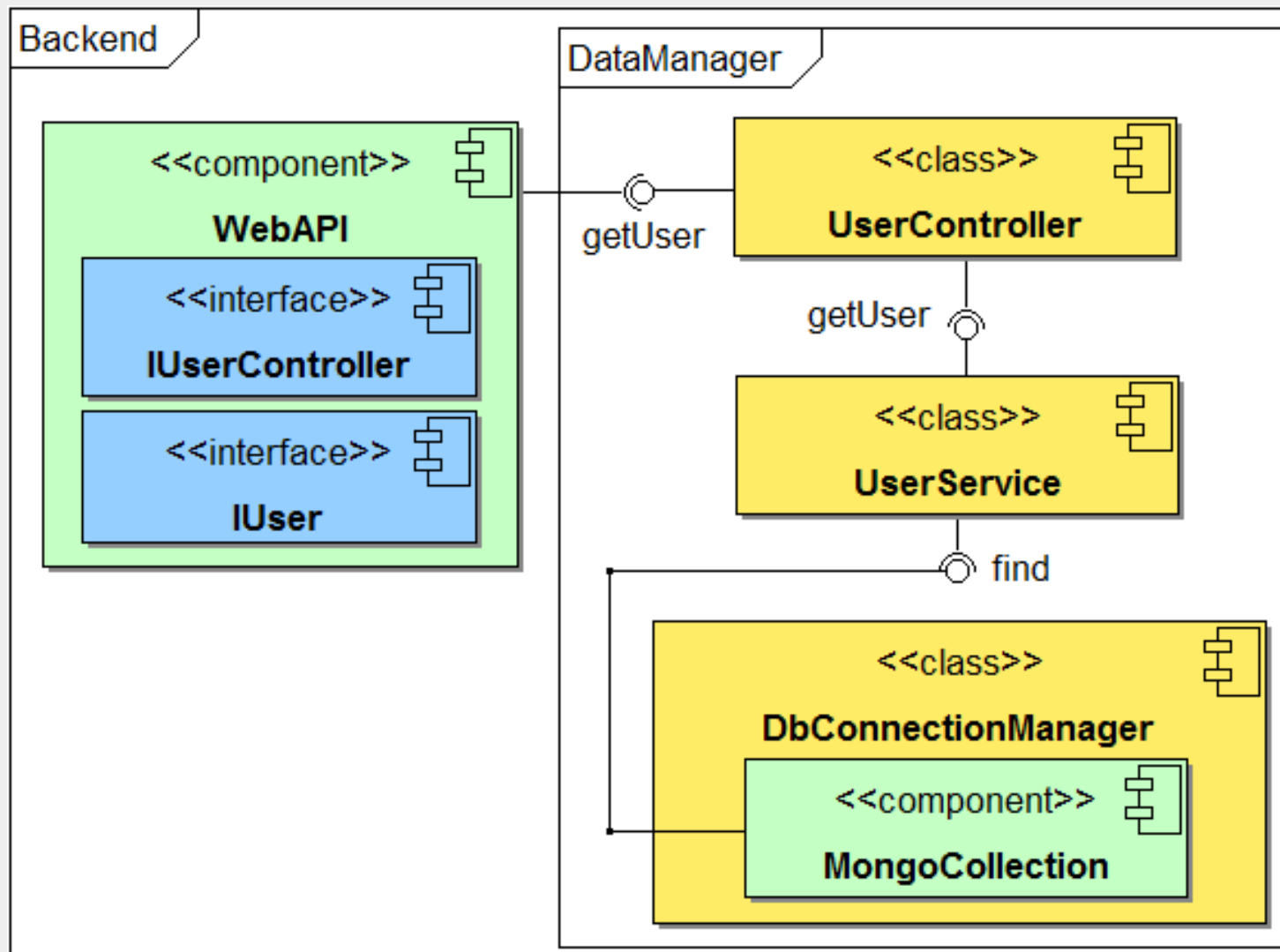
```
...  
"catagory" : "OTHER",  
"creator" : {  
  "userId" : "583ac70f6bd8bf1b885592f8",  
  "userName" : "user31",  
  "email" : "test31@tester.de",  
  "isMailPublic" : true,  
  "pictureURL" : null  
},  
"publishedDate" : ISODate("2014-12-20T12:44:15.513+01:00"),  
...
```



My Ideas

My Followed Ideas

My Profile





# 4.1 General project conditions

- Version management

## GitHub

source: <https://github.com/logos>



source: <http://git-scm.com/downloads/logos>

CSS  
Java  
Component  
communication  
Javascript



## Knowledge

HTML5  
NoSQL  
WebSocket  
Single page  
application

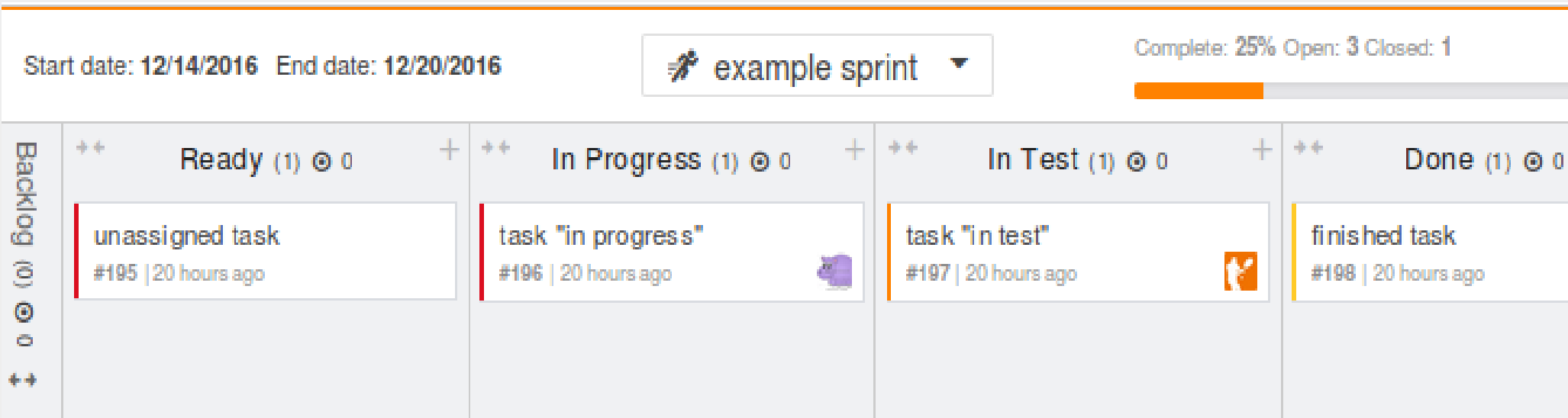


## 4.2 Project Management

- Based on scrum



- Orgware  for task planning  
source: <https://zube.io/blog>





## 4.2 Project Management

- Based on scrum



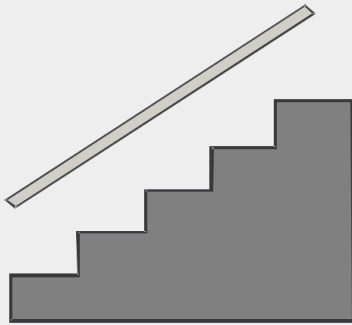
- Orgware  for task planning  
source: <https://zube.io/blog>

- Direct or team messaging



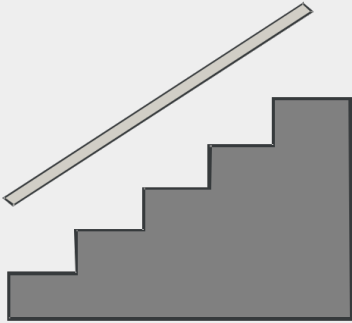


## 4.3 Problems



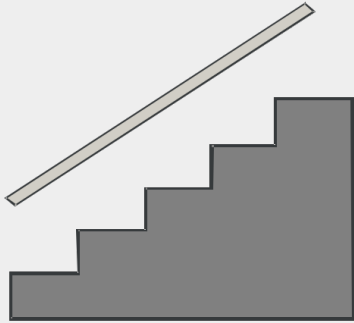


## 4.3 Problems





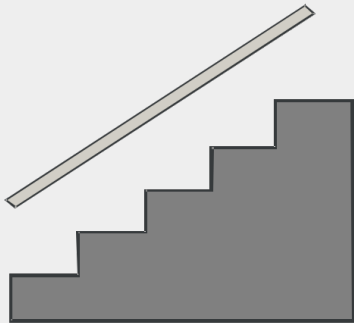
## 4.3 Problems





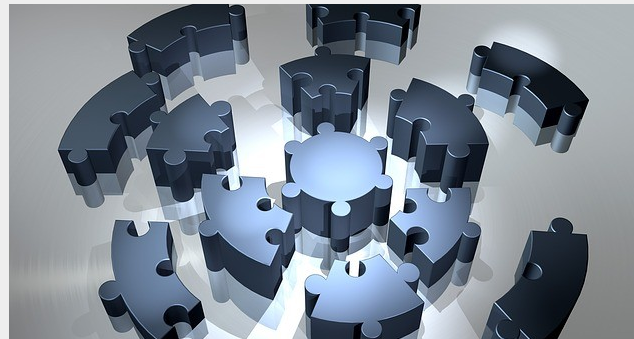
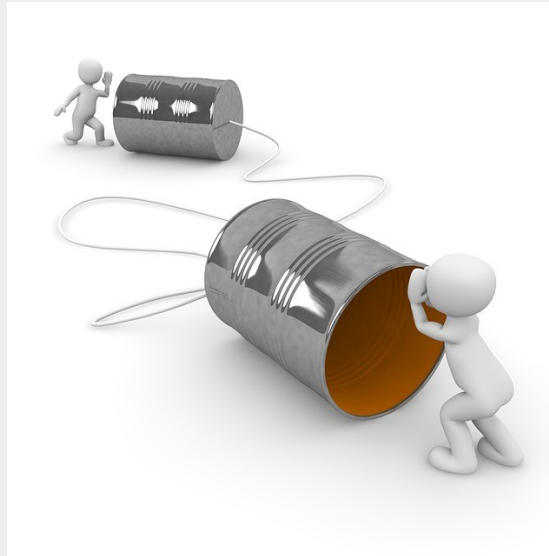
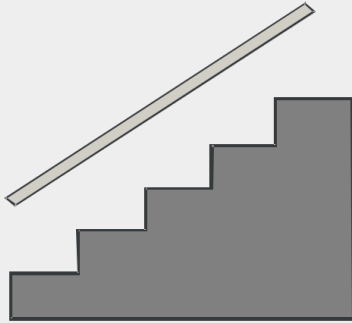


## 4.3 Problems





## 4.3 Problems






Sources:

<http://www.point-project.net/piktogramme/>  
<https://www.jetbrains.com/company/press/>  
<https://eclipse.org/artwork/>  
<http://design.ubuntu.com/brand/ubuntu-logo>  
<http://design.ubuntu.com/brand/ubuntu-logo>  
<https://pixabay.com/en/monument-valley-arizona-usa-road-50966/>  
<https://pixabay.com/en/clouds-landscape-mountain-range-1837129/>  
<https://pixabay.com/en/puzzle-kreispuzzel-platform-1713170/>



# 5. Conclusion

- Working prototype 
- Meets technical specification 
- Goal 

source: <https://pixabay.com/en/check-mark-tick-mark-check-correct-1292787/>



## End of part 2





# Appendix: Feature list

- /F00100/ Idee anzeigen
- /F00110/ Anzeige der Ideen mit der besten Bewertung (Hot)
- /F00120/ Anzeige der aufstrebenden Ideen (Trending)
- /F00130/ Anzeige der neuesten Ideen (Fresh)
- /F00140/ Anzeige der Ideen nach Kategorie
- /F00200/ Impressum anschauen
- /F00600/ Login
- /F00700/ Logout
- /F00800/ Idee anlegen
- /F00900/ Idee veröffentlichen
- /F01000/ Idee ändern
- /F01100/ Idee löschen
- /F01200/ Idee bewerten
- /F01300/ Bewertung zurücknehmen
- /F01400/ Idee folgen
- /F01500/ Idee nicht mehr folgen
- /F01600/ Idee kommentieren
- /F01700/ Kommentar löschen
- /F01800/ Anzeige des eigenen Profils
- /F01900/ Bearbeiten eigener Benutzerdaten
- + Registrierung
- + Stichwortsuche im Ideentitel
- + Anzeigen von Benachrichtigungen