Business Goals

Create simple way for university hostel residents to order for cleaning services with ease, when needed and track progress.

Interview

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THE INTERVIEW WERE SIMPLE ENOUGH TO UNDERSTAND

THERE WERE CONFLICTS IN THEIR INTERVIEWS E.G Technology and means of notification, Client was stated as students in use case but it was stated as residents of hostels

THEY TRIED TO CLARIFY AMBIGUITIES E.G Type of web browser for the application to run on.

Use Cases.
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SOME OF THE USE CASES
LACKED REQUIRED ELEMENTS

Such as Alternate Flow of Exceptions,
Precondition and Assumptions

MVP

Lack of instruction like on setting up databse.

Lack of CRUD operations.

MVP included major aspect of the usecases which still needed modifications.
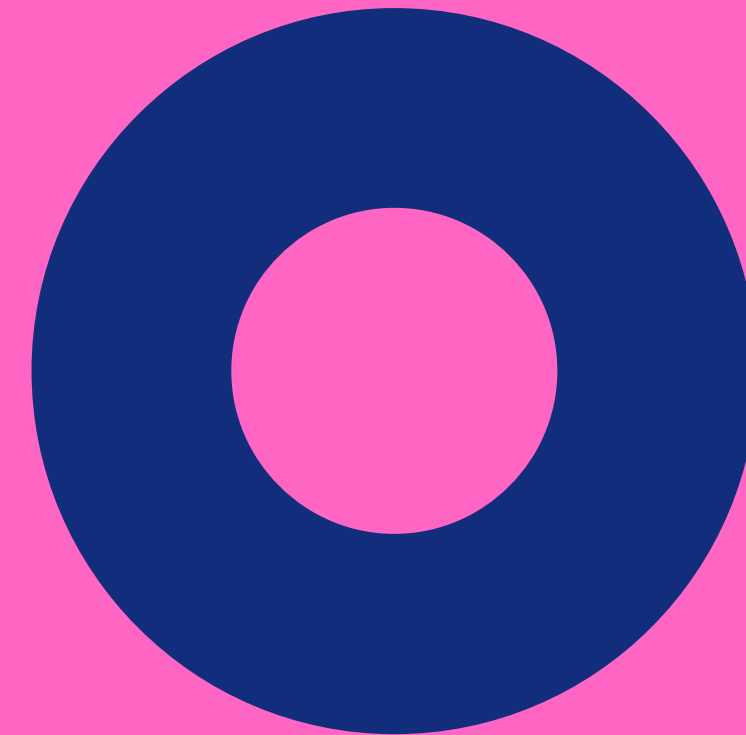
New Features Added

Password Validation (it should contain at least 1 digit and its length should be more than 8 symbols)

Email and phone number validation (international formats)

Request time limit (it should be in the range from 10 am to 6 pm)

The user interface is responsive but still has some bugs in mobile view.

User Interfaces

Unit Testing

On Demand Unit Test

RoomServiceOnDemand222 > src > test > java > university > project > roomserviceondemand > cont

JunitTestSuite

Project

_header.ftl
_layout.ftl
footer.ftl
views
create-request-modal.ftl

```
15
16    public static void main(String[] args) {
17        SpringApplication.run(RoomserviceondemandApplication.class, args);
18    }
19
20    }
21
```

RoomserviceondemandApplication > main()

Run: JunitTestSuite

Tests passed: 0 of 21 tests

JunitTestSuite (university.project.roomserviceondemand.controllers.test)
  FeedbackCreationTest
    [0: Test with user=null, grade=1, message=Message1]
      Should_BeSavedInBd_WhenCreated[0: Test with user=null, grade=1, message=Message1]
    [1: Test with user=null, grade=2, message=Message2]
    [2: Test with user=null, grade=3, message=Message3]
  RequestTimeBoundTest
  SignUpEmailCorrectnessTest
  SignUpNewAccountCreationTest
  SignUpPasswordContainsDigitTest
  SignUpPasswordLengthTest
  SignUpPhoneNumberFormatTest

11:01:33.430 [main] DEBUG org.springframework.test
.annotation.ProfileValueUtils - Retrieved
ProfileValueSource type [class org.springframework
.test.annotation.SystemProfileValueSource] for
class [university.project.roomserviceondemand
.controllers.test.FeedbackCreationTest]
11:01:33.555 [main] DEBUG org.springframework.test
.context.support.TestPropertySourceUtils - Adding
inlined properties to environment: {spring.jmx
.enabled=false, org.springframework.boot.test
.context.SpringBootTestContextBootstrapper=true,
server.port=-1}

:: Spring Boot ::   (v2.1.3.RELEASE)

2019-11-26 11:01:34.488 INFO 9611 --- [
main] u.p.r.c.test.FeedbackCreationTest   :
Starting FeedbackCreationTest on
evgeny-ThinkPad-13-2nd-Gen with PID 9611 (started
by evgeny in /home/evgeny/Documents/Innopolis/RE
/RoomServiceOnDemand222)
2019-11-26 11:01:34.490 INFO 9611 --- [
\main] u.p.r.c.test.FeedbackCreationTest   :

4: Run   6: TODO   Spring   Terminal   Docker   Java Enterprise   Database Changes   9: Version Control   Event Log

All files are up-to-date (moments ago)   17:1   LF   UTF-8   Tab   Git: master

Acceptance Testing

TEAMWORK

We shared the tasks among ourselves by dividing the task into front-end and backend. Documentation for use-case for changes was done by one team member. After each task we reconviended to review each one task before comiting to GitHub.

COMMUNICATION

The other team proved to effective by providing us with the necesary information which we required to complete the application.

Lessons learned

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DEFICULTY WITH THE CODE

Understaning other people's code can be a major challenge especially without proper documentation.

TECHNOLOGY

Working with new technologies can take considerable time before getting used to it.

THINGS THAT COULD'VE BEEN DONE DIFFERENTLY
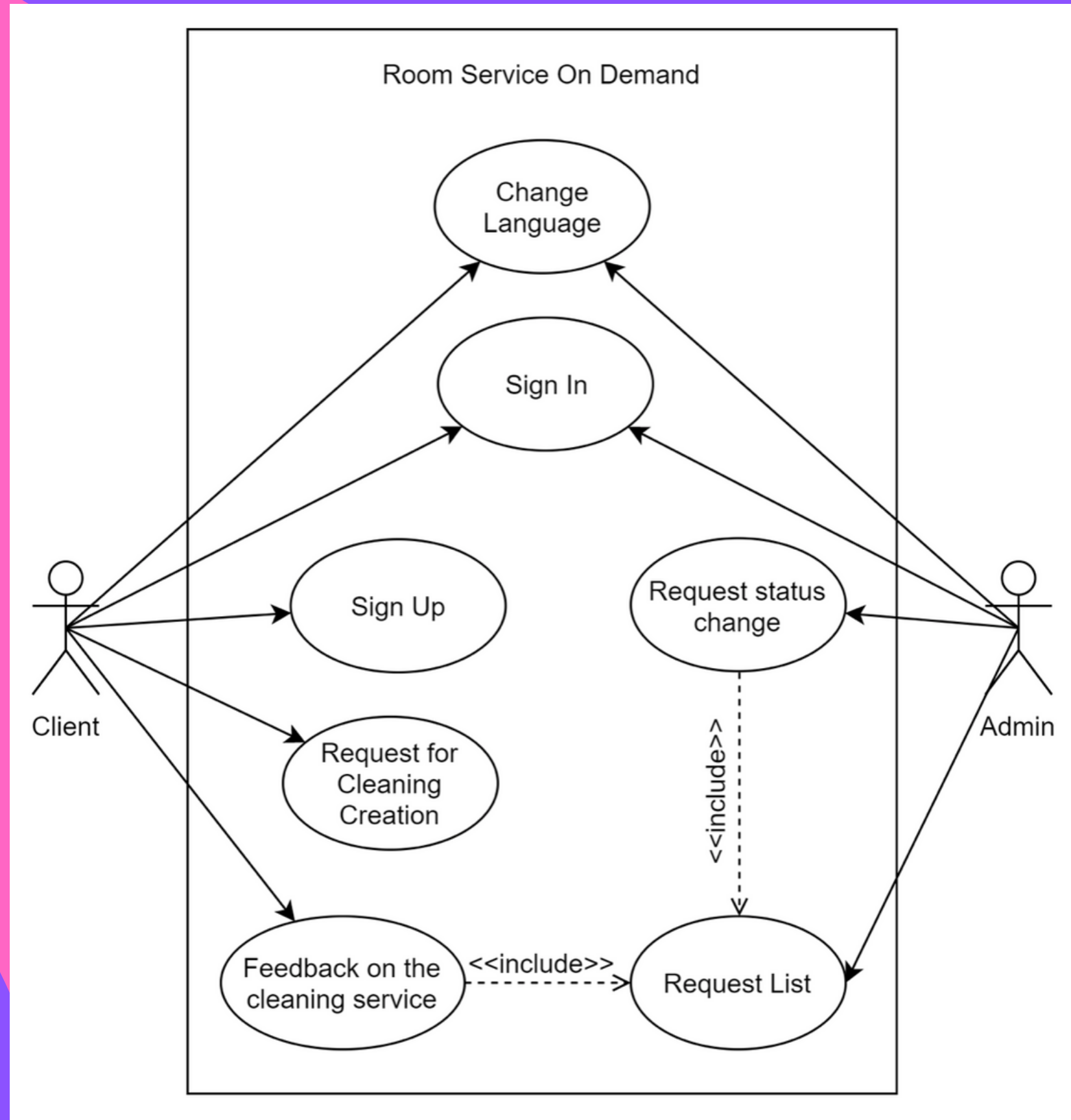
- PROPER DOCUMENTATION

- CHOOSE A DIFFRENT TECHNOLOGY

- PROVIDE A MORE APPEALING USER INTERFACE

- SEND SMS NOTIFICATION TO ADMIN WHEN THEY ARE OFFLINE.

Room Service

ON DEMAND

email

password

Login

WEAKNESS

- PROPER DOCUMENTATION

- WRITTEN IN JAVA AND MAKES IT DIFFICULT TO DEPLOY.

- LACK OF BASIC FUNCTIONALITIES. E.G USERMANAGEMENT

Questions