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# Introduction

## Background

### Motivation

Most international hotels have a room service menu in paper form, from which guests can order food and drinks, usually over a phone call. The amount of information provided about the menu items can be limited or non-existent, and ordering food over the phone in a foreign language can be difficult. big hotels usually also have a restaurant with a more extended menu where booking is required.

### Aim

The aim of this project is to develop a web based system to help with room service ordering and translation. The system should also:

* Provide recommendations based, e.g. On a selected set of ingredients by the guest;
* Allow the user to order food to have in the restaurant at a given time;

## Web application overview

### Web 1.0 & 2.0

### Mobile applications

### Pros. & Cons. of web based applications

## Web-based app architectures overview

### Lamp (linux + apache + mysql + php)

### Nodejs + mongodb

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### Why online ordering

### Customer need analysis

### System requirements

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### Results

### Improvements

# Evaluation

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### Functionalities tests

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## Evaluation by comparison

## Future work

# Appendix

## Reference

## Bibliography