# Argumentation Patterns

General

* argument – logical reasoning (what, why, describe how)
* reference – background sources
* experiment – using results you found

Evaluation

* define a problem/ hypothesis
* define general question
* specific question
* narrow a problem to implementable
* implement it
* evidence of experiment

Literature Review

* understand what other people have done
* limitation and how viewpoint differ
* tie to your project

# Abstract

Motivate

Set Aims

Describe

Explain results

# Introduction

## Project Significance

The Decline in Restaurant Waiter Job Supplies

* rise in University graduates

Cost is the Enemy of Profit

* staff costs

Speed Means Revenue

* speed to handle orders

The COVID-19 Restriction

* social distancing

## Brief Software Outline

* mobile web that enables customers to place order online, without staff intervention.

1. what did other people do? How is it relevant to what you want to do?

## Literature Review

* Yo! Sushi.
* StarBucks

# Software Design

## Value Proposition Canvas

* goals for different stakeholders
* frustration

## MOSCOW

## User Stories

## Test Driven Development & Acceptance Criteria

## Paper Prototypes

## Digital Wireframe

# Evaluation

## Semi-Structured Interview with Survey

## Heuristic Evaluation

## Cognitive Walkthrough

# Design Principles

CSCW

Ethical Design

* privacy
* anonymity
* ethical form

Colour Psychology

Multimodal Interaction

Design for Infinity

Disability Friendly

* colour blind

# Future Work

## Software Legal & Accounting responsibility

## Product Pricing

## Personnel Organisation

## Mail Marketing

## YouTube Helpline & Tutorials

## Product Revenue Projection

## Source of Funding

* Venture Capitalist Share Buy-Out
* IPO – Initial Public Offering
* Self-Fund Entrepreneurship

# Software Implementation

## Coding Platform & Links

* version control (GitLab)
* web front-end (bootstrap, Django)
* database (PostgreSQL – scalability)
* test suites
* Security
* software deployment

# Conclusion

# Bibliography

# Appendix