

# Designing and Developing a Personalised Recommender System

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## I. INTRODUCTION

### A. Domain of application

This application is a hybrid recommender system using the Yelp dataset.

### B. Related work review

Some related work

### C. Purpose/Aim

The purpose and aim

## II. METHODS

### A. Data description

Description of data

### B. Data preparation and future selection

Prepare data

### C. Hybrid scheme

Which two algorithms

### D. Recommendation techniques/algorithms

What techniques

### E. Evaluation methods

How to evaluate

## III. IMPLEMENTATION

### A. Input interface

What is the input interface

### B. Recommendation algorithm

What algorithm

### C. Output interface

What is the output interface

## IV. EVALUATION RESULTS

### A. Comparison against baseline implementation

Compare vs generic suggestions

### B. Comparison against hybrid recommenders in related studies

Read some papers

### C. Ethical issues

People's personal data

## V. CONCLUSION

### A. Limitations

What can it not do?

### B. Further developments

What could I do in the future

## REFERENCES

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