PROJECT No. CPE S701-1/2566

Recommendation System

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A Project Submitted in Partial Fulfillment of
Requirements
for the Degree of Bachelor of Engineering
Department of Computer Engineering
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Project Title   : Recommendation System

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Degree   : Bachelor of Engineering

Program   : Computer Engineering

Academic Year   : 2023

ABSTRACT

The abstract would be placed here. It usually does not exceed 350 words long (not counting the heading), and must not take up more than one (1) page (even if fewer than 350 words long).

Make sure your abstract sits inside the `abstract` environment.

Your acknowledgments go here. Make sure it sits inside the `acknowledgment` environment.

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Chapter 2

2.1 The first section

The text for Section 1 goes here.

2.2 Second section

Section 2 text.

2.2.1 Subsection heading goes here

Subsection 1 text

Sub subsection 1 heading goes here

Sub subsection 1 text

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Sub subsection 2 text

2.3 Third section

Section 3 text. The dielectric constant at the air-metal interface determines the resonance shift as absorption or capture occurs is shown in Equation eq:dielectric:

$$k_1 = \frac{\omega}{c(1/\varepsilon_m + 1/\varepsilon_i)^{1/2}} = k_2 = \frac{\omega \sin(\theta)\varepsilon_{air}^{1/2}}{c} \qquad (2.1)$$

where ω is the frequency of the plasmon, c is the speed of light, ε_m is the dielectric constant of the metal, ε_i is the dielectric constant of neighboring insulator, and ε_{air} is the dielectric constant of air.

2.4 About using figures in your report

Using \label and \ref commands allows us to refer to figures easily. If we can refer to Figures 3.1 and 2.1 by name in the LATEX source code, then we will not need to update the code that refers to it even if the placement or ordering of the figures changes.

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Figure 2.1: This figure is a sample containing lorem ipsum, showing you how you can include figures and glossary in your report. You can specify a shorter caption that will appear in the List of Figures.

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Table 2.1: Sample landscape table

Year	A	B
1989	12	23
1990	4	9
1991	3	6

2.5 Overfull hbox

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2.6

2.7

Chapter 3

3.1 Alice in Wonderland

3.1.1 The Black Kitten

One thing was certain, that the WHITE kitten had had nothing to do with it:—it was the black kitten's fault entirely [**?**]. For the white kitten had been having its face washed by the old cat for the last quarter of an hour (and bearing it pretty well, considering); so you see that it COULDN'T have had any hand in the mischief.

The way Dinah washed her children's faces was this: first she held the poor thing down by its ear with one paw, and then with the other paw she rubbed its face all over, the wrong way, beginning at the nose: and just now, as I said, she was hard at work on the white kitten, which was lying quite still and trying to purr—no doubt feeling that it was all meant for its good.

But the black kitten had been finished with earlier in the afternoon, and so, while Alice was sitting curled up in a corner of the great arm-chair, half talking to herself and half asleep, the kitten had been having a grand game of romps with the ball of worsted Alice had been trying to wind up, and had been rolling it up and down till it had all come undone again; and there it was, spread over the hearth-rug, all knots and tangles, with the kitten running after its own tail in the middle.

3.1.2 The Reproach

'Oh, you wicked little thing!' cried Alice, catching up the kitten, and giving it a little kiss to make it understand that it was in disgrace. 'Really, Dinah ought to have taught you better manners! You OUGHT, Dinah, you know you ought!' she added, looking reproachfully at the old cat, and speaking in as cross a voice as she could manage—and then she scrambled back into the arm-chair, taking the kitten and the worsted with her, and began winding up the ball again. But she didn't get on very fast, as she was talking all the time, sometimes to the kitten, and sometimes to herself. Kitty sat very demurely on her knee, pretending to watch the progress of the winding, and now and then putting out one paw and gently touching the ball, as if it would be glad to help, if it might.

'Do you know what to-morrow is, Kitty?' Alice began. 'You'd have guessed if

Figure 3.1: The Walrus and the Carpenter

you'd been up in the window with me—only Dinah was making you tidy, so you couldn't. I was watching the boys getting in stick for the bonfire—and it wants plenty of sticks, Kitty! Only it got so cold, and it snowed so, they had to leave off. Never mind, Kitty, we'll go and see the bonfire to-morrow.' Here Alice wound two or three turns of the worsted round the kitten's neck, just to see how it would look: this led to a scramble, in which the ball rolled down upon the floor, and yards and yards of it got unwound again.

'Do you know, I was so angry, Kitty,' Alice went on as soon as they were comfortably settled again, 'when I saw all the mischief you had been doing, I was very nearly opening the window, and putting you out into the snow! And you'd have deserved it, you little mischievous darling! What have you got to say for yourself? Now don't interrupt me!' she went on, holding up one finger. 'I'm going to tell you all your faults. Number one: you squeaked twice while Dinah was washing your face this morning. Now you can't deny it, Kitty: I heard you! What that you say?' (pretending that the kitten was speaking.) 'Her paw went into your eye? Well, that's YOUR fault, for keeping your eyes open—if you'd shut them tight up, it wouldn't have happened. Now don't make any more excuses, but listen! Number two: you pulled Snowdrop away by the tail just as I had put down the saucer of milk before her! What, you were thirsty, were you?

Chapter 4

4.1

4.2

4.3

4.4 Introduction

4.5 Background Knowledge and Theory

4.6 Project Structure and Methodology

4.7 Conclusions and Discussions

Hello. This is my first LaTeX.

New line [**?**]