UNIVERSITI TEKNOLOGI MARA

TELCO DATA PLAN RECOMMENDATION SYSTEM

NOR AINOL YAQIN BT MOHD FADZIL

Bachelor of Computer Science (Honours)
Faculty of Computer and Mathematical Sciences

January 2022

STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of the other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

…..……………………………………………

 NOR AINOL YAQIN BINTI MOHD FADZIL

2018801726

28 JANUARY, 2022

ABSTRACT

The purpose that this recommendation system serves is to give data plan recommendation based on the user needs. Users need to find data plan features that meets their need and rate the data plan. Then, the system will give the recommendation based on the data plan that the user rated. This system developed by use the collaborative filtering method by combine user-based filtering and item-based filtering method. The similarity of data plan will be calculated using the recommendation engine and will be compared with another user. Then, the output will show the list of data plan that have the highest similarity. This recommendation system developed as web application. This system help user to save their time to find the suitable data plan for them. The software used to develop this system is XamppServer, phpMyAdmin, and Sublime Text.

TABLE OF CONTENTS

CONTENT	PAGE

CHAPTER ONE: INTRODUCTION

CHAPTER TWO: LITERATURE REVIEW

CHAPTER THREE: METHODOLOGY