Queue program with circular array for
MangCek AMAR Fishcake Restaurant
Stefanus Andre Purnama
07.02.0064
2014/2015

FACULTY OF COMPUTER SCIENCE
SOEGIJAPRANATA CATHOLIC UNIVERSITY
Jl. Pawiyatan Luhur IV/1, Bendan Duwur, SEMARANG 50234
Telp. 024-8441555 (hunting) Web: http://www.unika.ac.id
http://ikomunika.web.id/
APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

Queue program with circular array for MangCek AMAR Fishcake Restaurant

by

07.02.0064 – Stefanus Andre Purnama

This project report has been approved and ratified by the Dean of Faculty of Computer Science and Supervisor on 11 December 2014

With approval,

Examiners,
Suyanto Edward Antonius, Jr., M.Sc

Examiners,
Shinta Estri Wahyuningrum, S.Si, M.Cs
NPP : 058.1.2007.272

Supervisor,
Hironimus Leong, S.Kom., M.Kom
NPP : 058.1.2007.273

Examiners,
Rosita Herawati, ST., MIT
NPP : 058.1.2004.263

Dean of Faculty of Computer Science,

Hironimus Leong, S.Kom., M.Kom
NPP : 058.1.2007.273
STATEMENT OF ORIGINALITY

I, the undersigned:

Name : Stefanus Andre Purnama
ID : 07.02.0064

Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, 15 December 2014

Stefanus Andre Purnama
07.02.0064
ABSTRACT

In computer science, database is a collection of information that is organized so that it can easily be accessed, managed, and updated. The data is typically organized to model aspects of reality in a way that supports processes requiring information.

This application can use for supervisor of MangCek AMAR Fishcake Restaurant. This program is especially used for queue ordering. The database used for the process in PHP that will display a table for simplify checking that has been ordered.

The results of this project is to facilitate the supervisor to check orders based on the date specified. then also be able to add customers, updating customer information, and remove customers from the table.

*Keyword: queue, database*
FOREWORD

Finally I can finish my final project with title : Queue program with circular array for MangCek AMAR Fishcake Restaurant. And thanks for all prayer and blessing:

• Jesus who gives me blessing to finish this project.
• My Family, Mother Father Sister and Brother who give me support and pray until finish this project.
• My Supervisor help me in finishing this project and given ideas and direction.
• My Lecturers that helps me in finding algorithm, the data structure and to help me in making the title and data that will be used.
• All my friends from the Faculty of computer science.
• Special thanks for all my friend at MangCek AMAR Crew who always support me with their way.

Semarang, December 11th 2014

Stefanus Andre Purnama
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPROVAL and RATIFICATION PAGE</td>
<td>ii</td>
</tr>
<tr>
<td>LETTER of STATEMENT</td>
<td>iii</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>iv</td>
</tr>
<tr>
<td>FOREWORD</td>
<td>v</td>
</tr>
<tr>
<td>CHAPTER I</td>
<td></td>
</tr>
<tr>
<td>INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>1.1 Backgrounds</td>
<td>1</td>
</tr>
<tr>
<td>1.2 Scope</td>
<td>2</td>
</tr>
<tr>
<td>1.3 Objective</td>
<td>2</td>
</tr>
<tr>
<td>CHAPTER II</td>
<td></td>
</tr>
<tr>
<td>LITERATURE STUDY</td>
<td>3</td>
</tr>
<tr>
<td>2.1 Queue Data Structure</td>
<td>3</td>
</tr>
<tr>
<td>2.2 Database</td>
<td>4</td>
</tr>
<tr>
<td>2.3 PHP and MySQL</td>
<td>5</td>
</tr>
<tr>
<td>2.4 Example</td>
<td>7</td>
</tr>
<tr>
<td>CHAPTER III</td>
<td></td>
</tr>
<tr>
<td>PLANNING</td>
<td>8</td>
</tr>
<tr>
<td>3.1 Research Methodologies</td>
<td>8</td>
</tr>
<tr>
<td>3.2 Project Management</td>
<td>8</td>
</tr>
</tbody>
</table>