

CHILD WELFARE AND FOSTER CARE SYSTEM



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

BORANG PENGESAHAN STATUS LAPORAN

JUDUL: **CHILD WELFARE AND FOSTER CARE SYSTEM**

SESI PENGAJIAN: **2022/2021**

Saya: **KARAM L.M. SHAATH**

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Tarikh: 9/9/2021


T.S. DR. ABDUL KARIM BIN MOHAMAD

(TANDATANGAN PENYELIA)

PhD (UKM) UTeM, M.Sc. (Comp. Sci.) UPM, B.Sc. Bus. Admin (MIS) UMSL
Senior Lecturer
Software Engineering Department,
Faculty of Information & Communication Technology (FTMK),
UNIVERSITI TEKNIKAL MALAYSIA MELAKA,
Hann Triah Industrial Park, Durian Tunggal, Melaka

Nama Penyelia

Tarikh: 9/9/2021

CATATAN: * Jika tesis ini SULIT atau TERHAD, sila lampirkan surat daripada pihak berkuasa.

KARAM L M SHAATH

This report is submitted in partial fulfilment of the requirements for the Bachelor of [Computer Science (Software Development)] with Honours.



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2021

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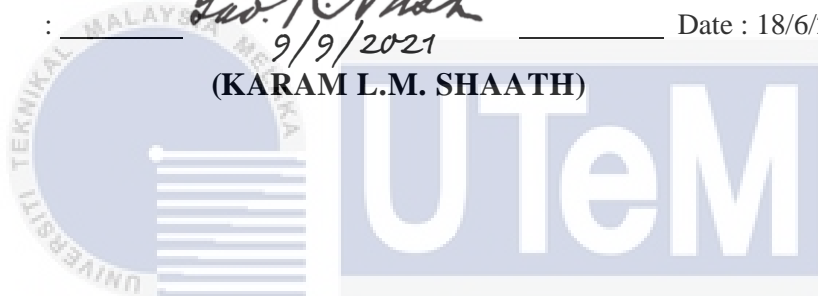
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STUDENT :


 9/9/2021 Date : 18/6/2021
 (KARAM L.M. SHAATH)



I hereby declare that I have read this project report and found

this project report is sufficient in term of the scope and quality for the award of

Bachelor of [Computer Science (Software Development)] with Honours.

SUPERVISOR :

Ts. DR. ABDUL KARIM BIN MOHAMAD
 Professional Technologists, MBOT
 PHD (OL-KM) UTeM, MSc. (Comp. Sci.) UPM, BSc. Bus. Admin (MIS) UMSL
 Senior Lecturer
 Software Engineering Department
 Faculty of Information & Communication Technology (FTMK),
 UNIVERSITI TEKNIKAL MALAYSIA MELAKA
 Date : 9/9/2021
 (NAME OF THE SUPERVISOR)

I want to dedicate this project to my beloved family, friend, and all the work the worker who is having hard time in managing their workload.

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First and foremost, I would like to express my gratitude to the Lord Almighty, who without His guidance, for keeping me in the path of righteousness I would not have been able to be as I am today. I would also like to thank my beloved parents for their love and support throughout my life. Thank you for giving me the strength to reach for the stars and chase my dreams. Next, I would like to thank my Dr Abdul Karim bin Mohammad for giving me assistant to complete this project successfully and my fellow

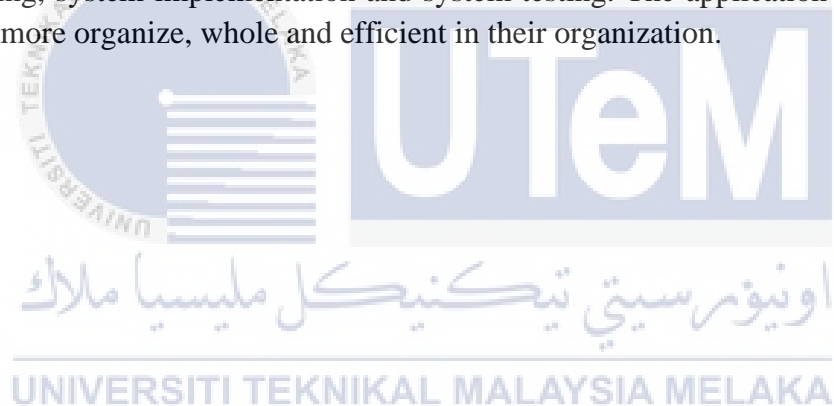


ABSTRACT:

CHILD WELFARE AND FOSTER CARE SYSTEM (CWFCs) educates families about foster care and adoption and gives child welfare professionals information and support to help them improve their services and the adoption process for the adopters around the world, our mission is to raise public awareness about the need for foster and adoptive families for children in the public child welfare system

Adopting from foster care is like other types of adoption in that after all the decision making, paperwork, and preparation are completed, a dream of family is fulfilled.

This project report will explain the development process and related information such as introducing the proposed system, methodology to develop the system, system analysis, system designing, system implementation and system testing. The application will assist the business to be more organize, whole and efficient in their organization.



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List of Abbreviations

| | | |
|--------------|---|---|
| FYP | - | Final Year Project |
| CWFCS | - | CHILD WELFARE AND FOSTER CARE SYSTEM |
| SDLC | - | System development life cycle |
| Y | - | Yes |
| N | - | No |
| MVC | - | Model view controller |
| HTML | - | Hypertext markup language |
| CSS | - | Cascading style sheet |
| PHP | - | Personal Home Page |
| SQL | - | Structured Query Language |

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CHAPTER 1 INTRODUCTION

1.1 INTRODUCTION

Adoption is a highly specialized field that focuses on placing children with families and providing services to ensure that these placements are permanent. In recent decades, the emphasis of adoption practice has shifted from helping families find children to finding safe and permanent families for children. Adoption workers are now expected to have extensive knowledge and understanding of the recruitment and assessment of adoptive families, the placement of children with a variety of strengths and needs, and supportive postadoption services to promote attachment and permanency for children. Child Welfare and Foster Care System is a system can serve the demand of the poor children by developing a good system can help them in many ways by knowing each adopter details and personal information and review the adopter information by the community of the website, after we accept his request for adopting the child the adopter will add his signature on few documentation that will guaranty the child rights and roles that the adopter can't break, in our government system we are more careful about both the adopter and the child to keep each one his rights, we develop this system based on some criteria that's fitted with the policy of the adoption roles, a system contain all the needs for the user to adopt a child a system made with five language JAVA SCRIPT, CSS,HTML,PHP,SQL.

1.2 PROBLEM STATEMENT

Children are the best human resources that can be to any country around the world, many countries have added the advantage of having a big number of homeless people and orphan kids, so what if this human resource we build and handle it more carefully and use it, the country will contribute to the economy and overall development of the society and the country. promoting adoption provides a home and family to the adopted child and keep him away from the street and the dangerous things, for that we need to create a website to use this resource carefully about our countries and my website will provide all the requirement about this issue to avoid any of the fake organizations that will use this issue by a wrong way against the rights of the children and the governments.

Child Welfare and Foster Care System is a system that manages the adoption process for the people who want to adopt children in a specific country and the system will allow the adopters to choose the child based on critical personal information such as (full name, personal information, income, job, language, marital status, the reason of adopting).

1.3. OBJECTIVE

Nowadays the world facing a lot of problems such as poverty and jobless and many more problems that may affect the orphan children's , this system have many objectives but I will be focus in these objective first we want to help the orphan children from abuse from many ways and from many dangerous things , second Choosing safe and friendly management options to protect the people from dangers when they want to adopt a child, third to avoid a huge number of homeless people in the streets and around the world , fourth to reduce the cost of organizations that use people who want to adopt around the world , fifth to help the country from a global crisis like poverty , crime and homeless issue , sixth to help the infertile couple for adopting children , seventh to create a good and useful generation of young people and use

this resource very well , eighth to help people to do an act of charity and spend money in good things

1.4. PROJECT SCOPE

The project scope will define the boundaries of CWFCS which include the system functionality modules and users: -

1. Modules to be developed

- i. Admin.
Admin will login in the system by authorised email and password
- ii. Adopter.
Adopter is the customer that he will adopt or donate for the child
- iii. List of children.
List of children is a list in the system for the adopter provide the children information and picture
- iv. Sign in.
- v. Sign up.
- vi. Search child.
Search a child is like checking a list of children and choose one of them to adopt
- vii. Manage users.
Manage users are related to department of worker
- viii. Manage adoptions.
Manage adoptions related to the department of worker because they manage the adoptions processes
- ix. Manage donate.
Managing the donation related to the department team and financial
- x. Manage request.
Manage request while the adopter want to adopt a child, he must send report and fill it up then the department accept the proposal
- xi. Log out.

There are three types of USERS:-

- Admin
- Adopter

➤ **Department of worker**

1.5 PROJECT SIGNIFICANCE

The findings of this study will redound to the benefit of society considering that the Child Welfare and Foster Care System has its own significance for adoption processes using this system helping to monitor all the adopting process on a regular basis and helps to remember all adopters , children's , donations tracker , tec. It controls all operation around the website that improve efficiency and optimize the adoption status.

1.6 EXPECTED OUTPUT

- Children avoided and become a big issue for the country.
- Many people complain from the wrong way of adoptions.
- keep the adopted kids safe and under listed and trusted parents.
- avoid the misuse of adoption.
- Many people around the global want to adopt child and they cannot.
- Unavailability of honest organizations that can handle the adoption matter.

1.7 CONCLUSION

Adoption and donation make a big different for those children who lost their parents or the were appended by their families and each movement we made for them is a big chance to make a good life for them, our organization is non-profit organization it is an easy way to help those children and provide a good chance for a good life.

CHAPTER II LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 INTRODUCTION

The literature review included finding, gathering, evaluating, and drawing conclusions from all topic issues presented by the related body of literature. Whereas the project process includes the strategy and methods used to execute the project.

This chapter is a paper describing the results, procedures, and strategies that can be used in the implementation of the Child Welfare and Foster Care System the evidence and results are evaluated by describing the goals the present situation and tools available. Child Welfare and Foster Care System is a child foster centre inventory system that consist of data entry , retrieval and monitoring children who are available to be adopted . String searching technique also applied in this system. This technique is referring by child name and id child name or id and the information that contain about him.

2.2 Facts and Findings

most of the adopters they usually adopt childes in the traditional way like from a family or from the street, but this was before nowadays in my system the adoption will be easier , also one of the facts that the children will know the parents that he will spend his life with theme, and they are able gable to raise him based on our system requirement

2.2.1 Domain Web base

2.2.2 Existing system

The current system

2.2.3 Technique

Through intuition, a specific action can entail the execution of a specific task and process, which can lead to time consuming process. The new Child Welfare and Foster Care System website enables all the users around the world a smooth operation of the Child Welfare and Foster Care System, which may improve the satisfaction rate of target groups.

2.3 Project Methodology

This section presents the research methodology used in the study, the research design, and the data collection process.



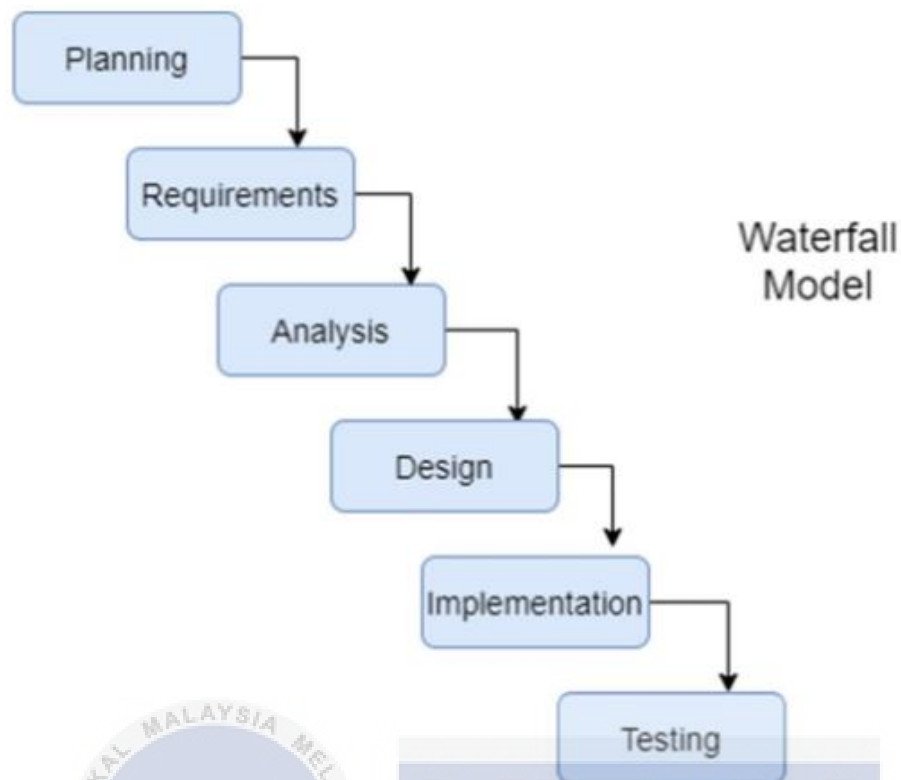


Figure 1 Project Methodology

Figure 2.1 Above illustrates the approach chosen for the execution of this initiative. This methodological approach is also useful for software development, using limited preparation in lieu of fast prototypes. The practical module is designed in parallel as a concept in the Life Cycle Production Software (SDLC) approach and is implemented to create a full system for quicker product delivery.

2.3.1 Activities in the software development life cycle

Both operations during the construction of this project in-phase or process shall be described on a rapid model basis. To make further progress on this method, I have identified an appropriate strategy to be practiced in the system of the Child Welfare and Foster Care System. The Waterfall Life Cycle Model will be presented in detail in this chapter.

2.3.1.1 Planning

Now, the organization of the venture begins. In any event, the information is collected from the site sources and the end-client assessments on the existing system are collected. In the

present framework, the problem must be explored and attempted to fix the problem before the structure is changed. In the meantime, it is important to know the part in the database.

2.3.1.2 Requirement

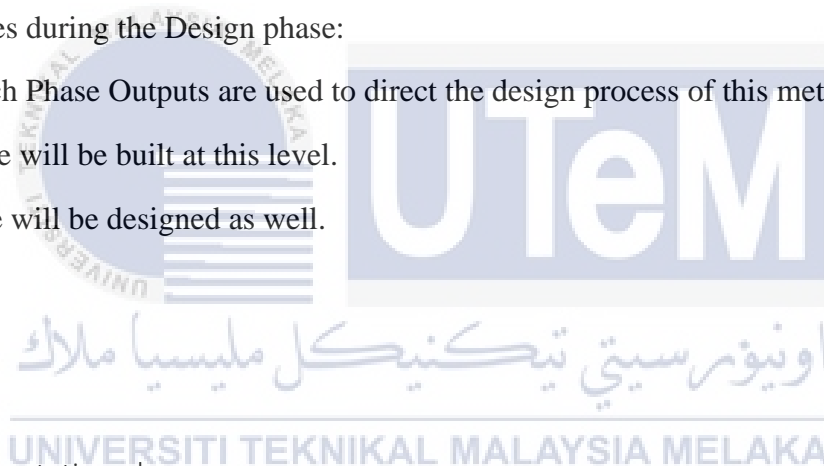
Summary of tasks during the preparation process of the requirements:

- i. Identify and list the challenges posed by the new or emerging framework Requirements for this.
- ii. Analyse the requirements and definitions obtained in the main modules.
- iii. Create a diagram and a specification manual for specifications.

2.3.1.3 Design phase

List of activities during the Design phase:

- i. The Research Phase Outputs are used to direct the design process of this method.
- ii. The database will be built at this level.
- ii. An interface will be designed as well.



2.3.1.4 Implementation phase

Built with Xampp program and brackets. From the design stage, the architecture of the database and its interface can be improved.

The phase of writing code is finished at this point. At this stage, the task of writing code stops. Writing computer programs in this system is split into programming language PHP, HTML, and database PhpMyAdmin. Using Bootstrap 4, JavaScript and Jason will boost device architecture.

2.3.1.5 Testing phase

List of activities during the testing phase:

- i. Collect bugs, debug, and document the corrective actions.

- ii. If an error occurs, a solution will be found to overcome the problem.
- iii. Run integration testing and document the result.
- iv. When an issue is detected, the code will be changed at the beginning of the development process.

2.4 Project Requirements

2.4.1 Software Requirement

The system services and goals are established by consultation with system user. They are then defined in detail and serve as a system specification. System requirement are those on which the system runs.

2.4.2 Hardware Requirement

Some software requirements have been identified to develop this system. Below are the software requirements used.



Development Tools:

- I. Microsoft Office Visio Adobe
- II. Photoshop and Adobe Flash.
- III. Visual studio code
- IV. xampp

Operating System:

- I. Microsoft Office
- II. Php my admin database
- III. Microsoft office
- IV. Windows 10

2.4.3 Other Requirement

Other requirements depict user support for the needs of software, hardware, and network that will develop this program.



4.5 Milestone and Schedule

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Table 1: Milestones and schedule

| Activity /Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| Meeting with the supervisor and discuss the topic | | | | | | | | | | | | | | | |
| Analysis and Research | | | | | | | | | | | | | | | |
| Design of the system | | | | | | | | | | | | | | | |
| Developing the system | | | | | | | | | | | | | | | |
| Testing | | | | | | | | | | | | | | | |
| System Maintenance | | | | | | | | | | | | | | | |
| project Documentation | | | | | | | | | | | | | | | |

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2.6 Conclusion

The sum-up of this section is that it is essential to create a system for the project methodology and milestone. This is because the scheme is well planned and organized according to the moment provided. If everything is followed, it will certainly operate effectively and smoothly. The methodology chosen to create this scheme is the Waterfall Model and the milestone of the project was created. The next section will address this system's Analysis.

CHAPTER III ANALYSIS