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**2019**

**REACT**

**A Gateway for Life**

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# ACKNOWLEDGEMENT

The first I would like to say thank you to PNC organization that provides a scholarship to me for studying for 2 years. When I come on PNC first time I don’t have a specific my future goal, I know want to learn with the computer. During my study in PNC, I can get a lot of knowledge especially hard skill and soft skill. I very thank the teachers and my friends for help with studying for 2 years in PNC. I prefer subject that I study in PNC so much because of these skills can show me about my future and PNC also help to study from good teachers and teach me about skill self-learning. I think that self learn is very useful for all students because we need to learn a lot from themselves when they finish their school. I also learn topic IT research from PNC I can know my knowledge that I need to learn. PNC help me to learn from myself. Finally, I very thank PNC, teachers and my friends because everyone always loves for sharing knowledge together.

# INTRODUCTION, STATEMENT OF PROBLEM AND OBJECTIVES

**Introduction**:

The first I get topic IT research about React and I don’t know how to do then I need to search some websites about React. I see a website about react document. This is website is very important for my research about have all content from how to install reach project.

**Statement of problem**:

About IT research is very hard for me because I don’t requirement and component of Reach. It is difficult to search document about my topic. Moreover, some websites tell about react native and react js. So, I need to read document and watch video a lot.

**Objectives:**

For IT research, my goad that I have such as: read document, listening, skill researching, how to report, how to write email. All of my goad I think that is very important for me because when work on company I will need these skills for work with other people in company.

# Objective of Research

For IT research, my goad that I have such as: read document, listening, skill researching, how to report, how to write email. All of my goad I think that is very important for me because when work on company I will need these skills for work with other people in company.

# Rational of Work

IT research for student study at university because they don’t study with teacher forever moreover, they need to learn from everyone and learn from themselves. It can show them how much they challenge with new technology. They to learn new thing about technology a lot.

# Advantages for Researcher

IT research have advantages such as: rearching from myself, how to report and writing email, make good communication with teachers and friends.

About my research report contribute to the future researchers: good report and writing email, flexible with new technology from my researching, can have new challenge, more batter communication with new people.

# Report procedure

|  |  |
| --- | --- |
| week | Activity |
| 1st-weed: 4/2/2019 – 10/2/2019 | Search and read document React language. |
| 2nd-weed: 11/2/2019 – 17/2/2019 | Learn to react for show interface and search what is an application that I need to do. |
| 3rd-weed: 18/2/2019 – 24/2/2019 | Think about the template application. |
| 4th-weed: 25/2/2019 – 3/3/2019 | Building web application. |
| 5th-weed: 4/3/2019 – 10/10/2019 | Building web application and update some features. |
| 6th-weed: 11/3/2019 – 17/3/2019 | Update drag and drop. |
| 7th-weed: 18/3/2019 – 24/3/2019 | Search drag and drop by use plugin. |
| 8th-weed: 25/3/2019 – 31/3/2019 | Prepare document. |

# REVIEWING THEORY

## Relevant Theory

React is JavaScript library used for building user interface(UI). Mostly, developer use reaches language to build an application like Singal Page Application(SPA) and mobile development.

## History of React

Created by Facebook by Jordan Walke on May 29, 2013. React is a User Interface (UI) library.

# INSTALLATION AND CONFIGURATION

## Mock Up Design

## ​Requirement of hardware

RAM: at least 64 MB

Processor: x86 or x64 architecture

HDD: IDE/SATA with minimum 450 MB

## Requirement of Software

Requirement need node as a server for run and can run on vscord.

## Steps to Configure and How to Use it?

* + - * Install by command line:
    - Create file root
    - Open command line
    - Run command:
      * npm install -g create-react-app
      * create-react-app my-app
      * cd my-app/
      * npm start
      * Use by content delivery network(CDN):
    - <https://unpkg.com/react-dom@16/umd/react-dom.development.js>
    - <https://unpkg.com/react@16/umd/react.development.js>
    - <https://cdnjs.cloudflare.com/ajax/libs/babel-standalone/6.26.0/babel.min.js>

## References

<https://reactjs.org/>

<https://reactos.org/wiki/Installing_ReactOS>

<https://cdnjs.com/libraries/babel-standalone>

# CONCLUSTION & RECOMMENDATION

## Conclusion

Inclusion, about 2 months that I try to research my topic React, it is very great for me. I can get new technology from school and from myself. I can know my acknowledgment how much I can get it. Moreover, I can improve the skill of reading a document and researching. I can be building an application by researching. I can prepare for more time management. So, I very thankful to PNC that try to find this topic for me to show my skill researching.

## Recommendation

I am very thank training team to find a topic for all students to try to research to show their ability.