



Artikel

# Taskboard System Based On Website (Case Study: CV Nukegraphic Indonesia)

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## A B S T R A C T

CV. Nukegraphic Indonesia as one of the fast growing website in Indonesia would require a lot of support, including support in the field of Information Technology. Recording task list that still use manual systems, often prevent the processing of information about the details of the status of the task and the status of projects ongoing or already completed in the form of a percentage of each project. The method used in the manufacture of a web-based application taskboard this form of collecting data through observation and questionnaires were distributed in the scope of the company. The test results of these applications concluded that with the application taskboard-based website is an account executive can find out information about the details of the status and the status of the project in a short time, because the data processing has been made into a computerized provided through the application, both an account executive and members are also more easy in knowing the task that must be done even though it is outside the company. With this application can help the performance of employees in a company to be more productive

## INTRODUCTION

Knowledge of information technology today is growing very rapidly and increasingly popular among the people, people can access information, changes and innovations both from social media and technology that can be utilized by humans.

Currently the website is widely used as a means of supporting the running of business processes in the company. The use of the website is very useful in terms of time efficiency and work effectiveness. Use of website applications can also help in reducing excessive paper usage in the work process. During this time, the process of recording task list on Nukegraphic Indonesia company as a

company engaged in website design and development still use the process of recording task on a sheet of paper or post it, thus resulting in the use of paper media is quite a lot as a media listing task list, and the absence report project that supports project management process. Often the manager or account executive difficulties in giving conclusions how percent of progress that has been done on a project because there is no statistics per-project category division in recording task, the process of recording that is only done within the scope of the company, also hampered the work process performed by staff and executive account while outside the office, responding to it, encouraging writers

to create a website application that can support the project management process in making task list is done computerized without waste in the use of paper media. Based on the above problems, the author chose the title "Taskboard System Based On Website (Case Study: CV Nuke Indonesia)".

**LITERATURE REVIEW**

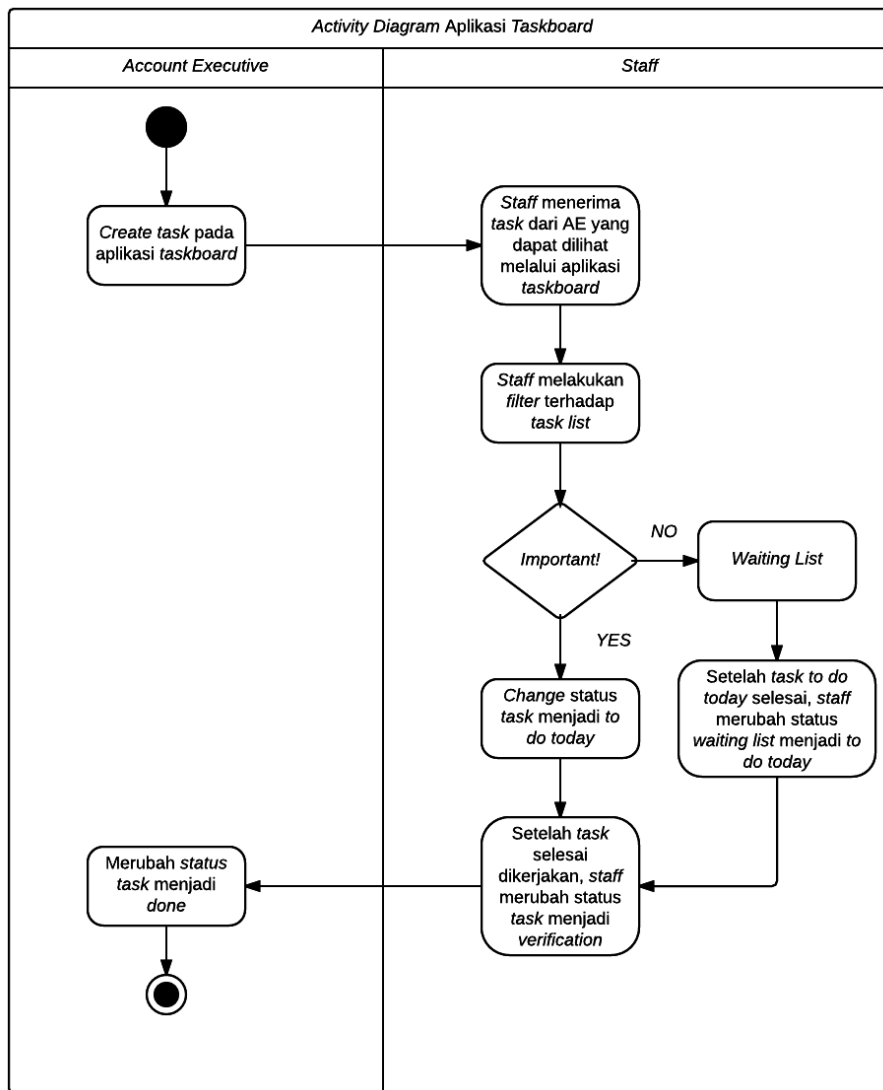
Taskboard According to Ilan Oshri et al in his book entitled Advances in global Sourcing “Taskboard was based on plain paper card for the stories and post-its which were put on a large sheet of paper, on a white board or on the wall. The taskboard is one of the most

important scrum artefacts as it takes a central position and is used to support the team to track its work” which means Taskboard is based on a paper used to classify tasks into small pieces on large paper or on walls. Taskboard is used as the most important scrum method required by the team to organize its work.

**DESIGN SYSTEM**

In this paper used 3 types of UML diagrams are activity diagrams, use case diagrams and class diagrams.

**Design Activity Diagram**



**Fig 1. Design Activity Diagram**

### Design Usecase Diagram

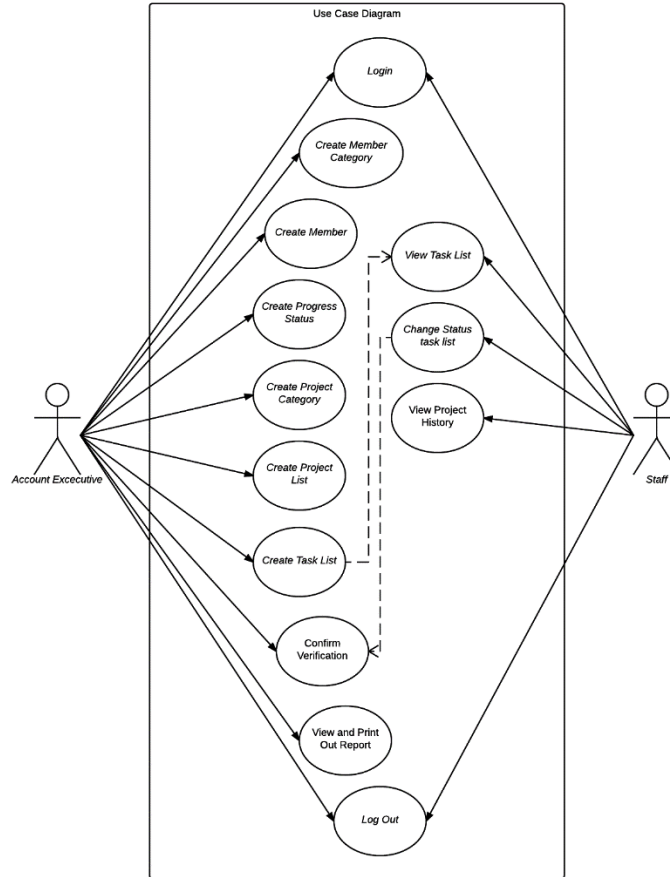


Fig 2. Design Usecase Diagram

### Design Class Diagram

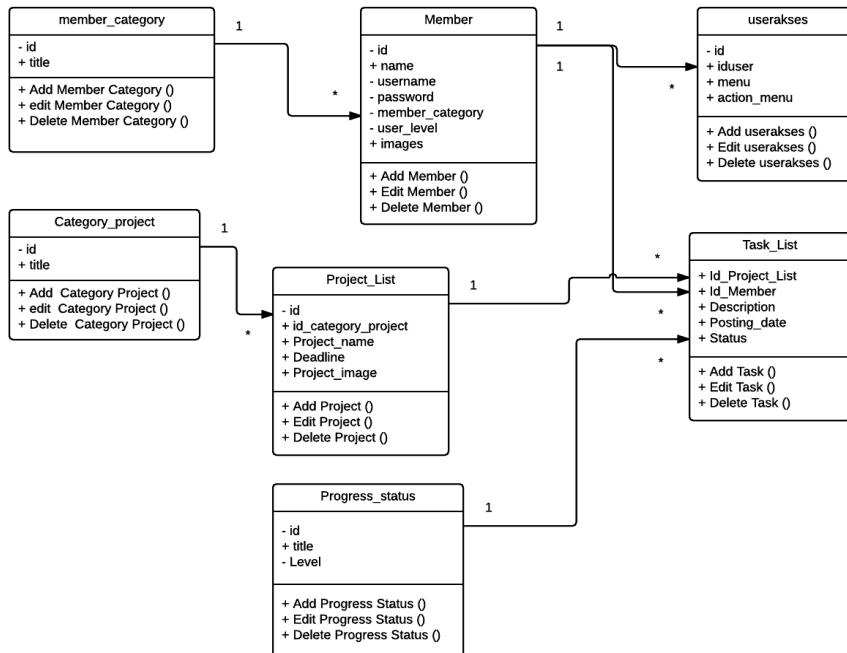
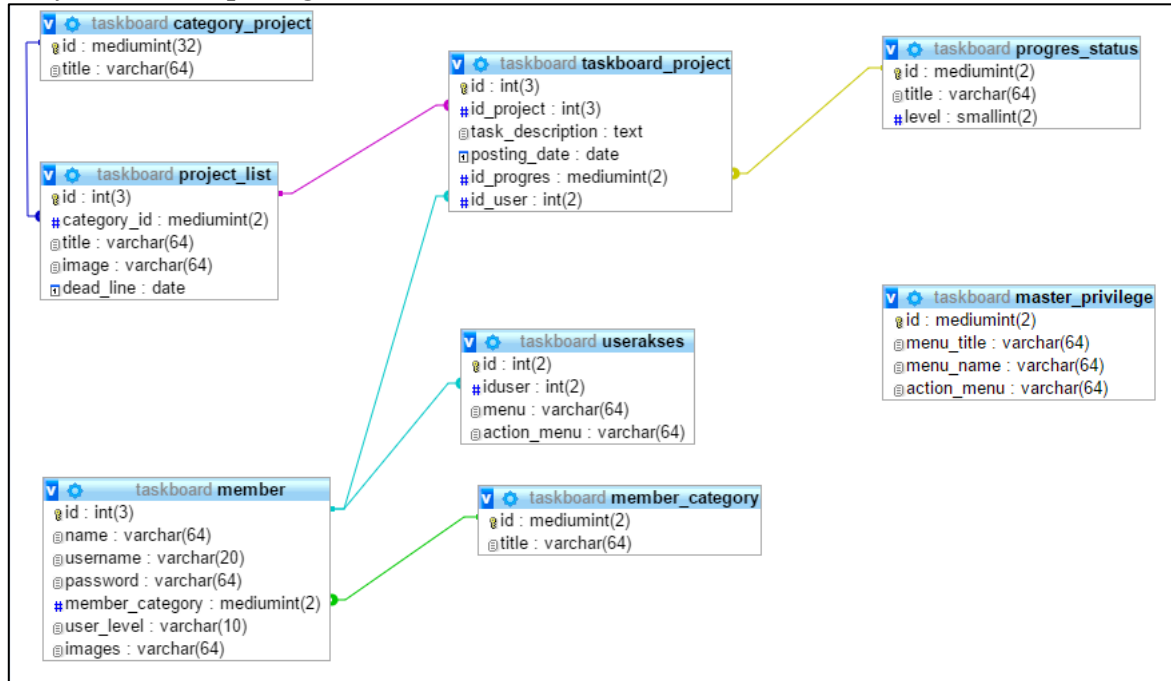


Fig 3. Design Usecase Diagram



**RESULTS**

**Entity Relationship Diagram**



**Fig 4. Entity Relationship Diagram**

**Proposed System Specifications**

**Specification input form**

1. Input name : Form Login  
 Function: Used by superadmin, along with members that have been created by superadmin to enter into the application of website-based taskboards.  
 Media : *Website*  
 Frequency: Every time will enter into the taskboard-based application program website.
2. Input name : Form Project List  
 Function: Used by superadmin, every time there is a new project that will be developed on a website-based taskboard app.  
 Media : *Website*  
 Frequency: Every time there is a new project to be developed.
3. Input name : Form Taskboard

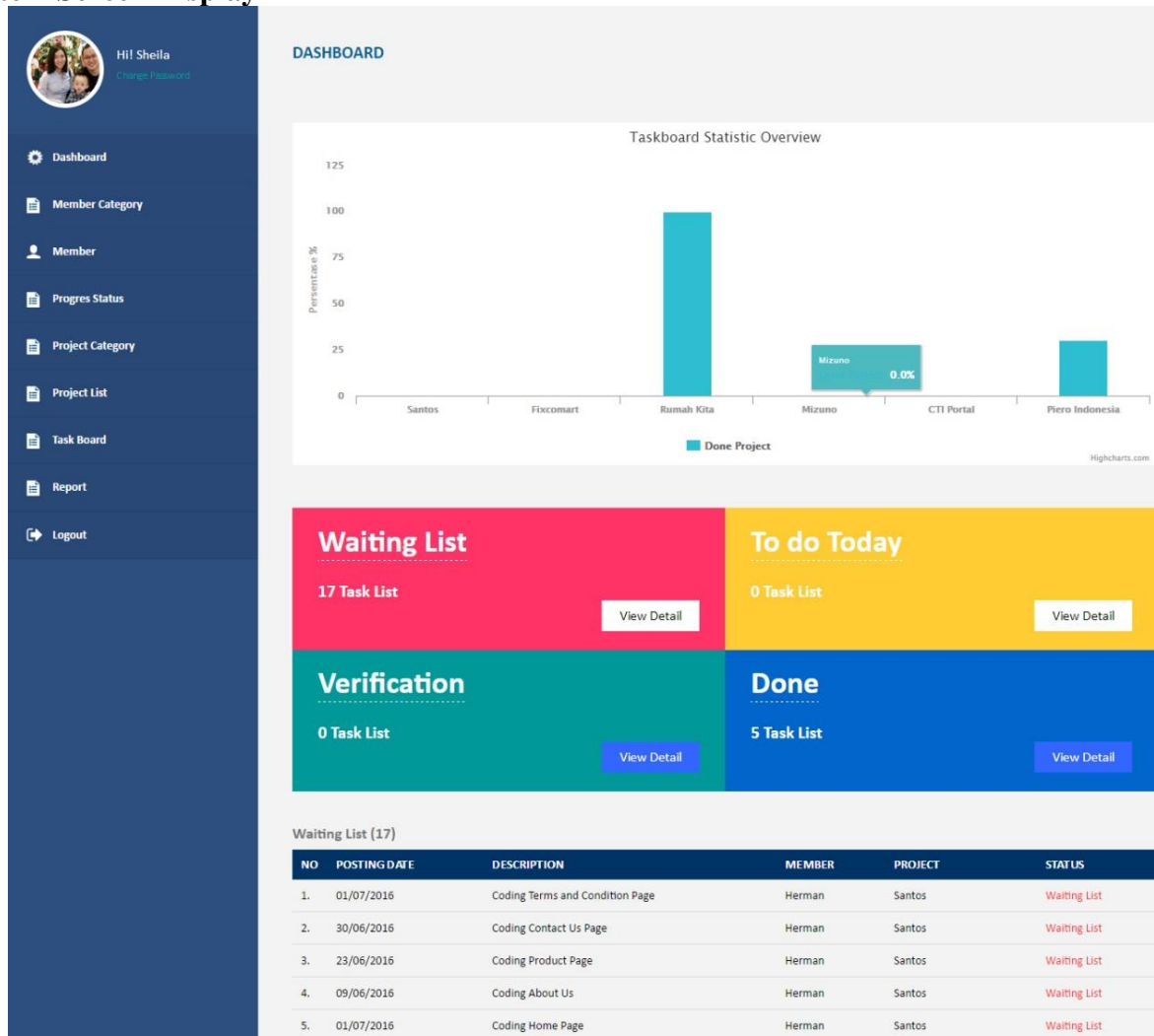
Function: Used by superadmin to create task list addressed to staff or employees on website-based taskboard app.  
 Media : *Website*  
 Frequency: Every new task list from a particular project.

**Specification output form**

1. Input name : Report  
 Function: Used by superadmin to display the detail of all project list tasks where there is a complete and unfinished project status information on a website-based taskboard app.  
 Media : Taskboard and Print out apps.  
 Frequency: Every time a superadmin needs the task list status information of the project being done.



**System Screen Display**



**Fig 4. Dashboard system view**

**CONCLUSION**

Based on the results of trials and evaluations that have been done then it can be concluded as follows:

1. Website-based taskboard application can provide detailed information about the status of tasks and projects that are running or finished to account executive and account executive can provide information to the client in a short time because the report can be viewed through the application taskboard.

2. With the application of website-based taskboards, account executives and staff members can know the status of tasks and new tasks through the application without any time constraints and places when account executives and staff members are outside the company, because the application is accessed online.
3. With the application of website-based taskboards, staff members can also find out the status of tasks and what projects have been done in accordance with that done by each staff member.

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## BIOGRAPHY

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