Paper Name use Times New Roman Size 18 Bold

Name Surname* and Name Surname** Times New Roman Size 14 Bold

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Abstract

Abstract content----------

Keywords: Clustering, Number of Clusters, Distance Measures, Sequential Clustering, Single-Linkage.

1. Introduction

----------[1].

* Department ----------, Faculty of ----------, University----------.

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[2].

2. Theoretical background and related researches

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2.1 ABC

[3].

2.2 DEF

[4].

2.3 GHI

[5], [6]

2.4 Literature review

[7-10].

Wateosot [11]

.

Santosh [12]

.

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3. Research Methodology

3.1 ABC

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3.1.1

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3.1.2

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1)

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2)

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3.2 DEF

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1)

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2)

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4)

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5)

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6)

---- shown in Equation 1.

$$\bar{x} = \frac{\sum x}{n}$$

With $\bar{x}$ ----------

$\sum x \sum x$ ----------

N ----------

---.

In this research, we have adjusted the values of 20 times, so that the appropriate threshold values, which shown in Equation 2.

$$p(x) = \begin{cases} L, & f(x) \le 0.00001 \\ M, & 0.00001 < f(x) < 0.00293 \\ H, & f(x) > 0.00293 \end{cases}$$

$$p(x) = \begin{cases} L, & f(x) \le 0.00001 \\ M, & 0.00001 < f(x) < 0.00293 \\ H, & f(x) > 0.00293 \end{cases}$$

$$(x) = \begin{cases} L, & f(x) \le 0.000010 \\ M, & 0.00001 < f(x) < 0.002925 \\ H, & f(x) \ge 0.002925 \end{cases}$$

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(2)

Where *p(x)* is the average of the probability of distribution of the current date of the suicide of the patient, *L* is a low level of risk to return to suicide, *M* is a moderate level of risk to return to suicide and *H* is a high level of risk to return to suicide [6]. The group of patients is depicted in Table 1.

Table 1. *Shown example of the health problems of patient.*

Patient name	Health problems			
	Diabetes	Hypertension	Heart disease	AIDS
Mr. A	Yes	No	No	No
Mr. A	Yes	No	No	No
Mr. A	Yes	No	No	No
Miss R	No	No	No	Yes
Miss R	No	No	No	Yes
Miss R	No	No	No	Yes
Miss R	No	No	No	Yes

4. Outliers and Reclustering

4.1 ABC

---------- in Figure 3.

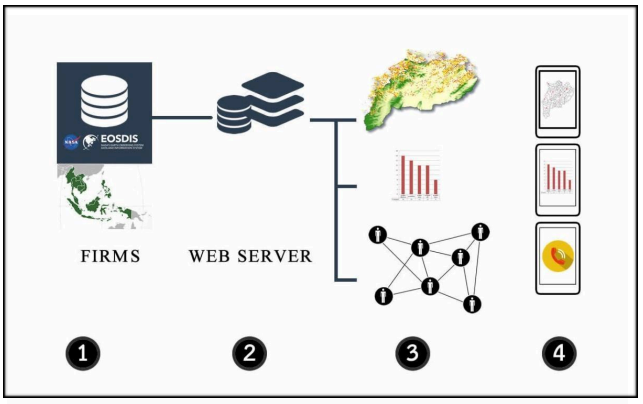

Figure 3. *Framework of the mobile application development.*

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k	Precision (%)	Recall (%)	F-measure (%)
1	71.50	71.50	71.50
3	72.20	78.20	74.30
5	73.00	80.00	**74.60**
7	74.00	80.70	74.50
9	74.50	80.90	74.30
11	74.50	81.10	74.00
13	75.50	81.20	73.90
15	**76.00**	**81.30**	73.90
17	76.90	81.30	73.80
19	75.90	81.30	73.70

Table 3 demonstrate the performance of the classification using *k*-NN technique. Feature filtering (the proposed technique) is superior to the baseline for all varied *k*. The best performance is obtained by the proposed feature filtering technique with *k*=3, achieving 78.00% of F-measure.

5. Conclusions

---[8].

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