SE 216 – SOFTWARE PROJECT MANAGEMENT
SOFTWARE MEASUREMENTS DOCUMENT

PROJECT NAME:E-VET Section3 Group7

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Questions to identify measurements:

- **How much effort did this project require?**
- **How reliable and valid are the measures?**
- **Will user be satisfied with the project?**
- **How efficient is the product?**
- **How stable is the software and the degree of risk of failure?**

Identified measurements:

1)The needs of project will be analyzed on a week to week basis by comparing coded classes to designed classes and project will improve with weekly meetings and extend coding

2)The extent to which raters or observers respond the same way to a given function is one measure of reliability

3)A widely used and respected metric for customer satisfaction Its a number ranging from 0 (indicating no customers refer you to others) to +100 (all customers likely to refer you to others). Survey provides the full calculation.

4) Number of the requirements completely match with demands of the users.

5)Apart from security patches and bug fixes, the software will not change for as long as that version of the software is supported.To determine stability, a measure or test is repeated on the same subjects at a future date.It is also important that the number of testing member.

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Measurement storage and collection:

What?

-Completed needs of the E-VET
-The surveys
-Completed requirements
-Number of tests and testing members

When?-

-Weekly meetings
-After every registration and changes that we implied
-At the end of the Project

Format?-

-Real number data

How?-

- Number of resources consumed and utilized.

Measurement Type	Description	Example Measurements
Planning/Organizing	Managing the organization and work done by weekly meetings.	Total tasks,hours spent on major activities
Reliability	Consistency of the methods under the same circumstances.	Reliability of content of the E-VET
Product Quality	The feedbacks provided by the users.	Requirement changes
Efficiency	Capable of producing desired requirements.	Total requirements
Testing	Controlling the number of failures by testers.	Total number of tests