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EVALUATION METHODOLOGY

brunel university lodnon

star method

Anas Zouhir 1835227

**EVALUATION**

Usability evaluation does not answer the question “Does the software achieve its task?”, but it focuses on **how well and in what way, the software assists the user in achieving his or her task.**

Before starting to analyse what evaluation method best suits the software that we are developing, here are some useful definitions:

**Evaluation:** a process through which information about the usability of a system is gathered in order to improve the system or to assess a completed interface.

**Evaluation method:** a procedure for collecting relevant data about the operation and usability of a computer system.

Group 27 is developing an application to help users find the book they want, getting rid of the old traditional way of physically going to the library and enquire about the book, but instead with a simple click getting direction to the exact location of the book. Also, through a review system the user will be able to read reviews and thoughts about the product of previous readers. We are therefore assessing:

* Users of all ages with access to a smartphone and strong interest in reading.
* Everyday users who read for pleasure, for studies or for research but constantly.
* Users in a university environment who deal with looking for the same book all at once
* As studies demonstrates most application related to books and reading focus on transferring the activity from paper to digital, however this application will focus on guiding the user digitally to get the physical paper. Therefore, there is no similar software to relate to.

**STAR LIFE CYCLE**

implementation

task analysis/

functional analysis

prototyping

requirements

specification

conceptual design/

formal design

evaluation

**Star Method**

The star life cycle is a method that focus on **evaluation**, being the centre of the whole method. After completing a step of the software development cycle the work done is evaluated, if successful meaning that evaluation and the purpose of serving the user to help him achieve its goal easier, then we can move on to the next step, otherwise the work has to be done again until it meets the criteria stated by the evaluation. This is done for each step in the software development life cycle.

**Why Star Method?**

Being group 27 composed by 7 members each one will have a weekly task to complete in order to work all as a whole and reach the goal faster and more effectively. Every Thursday from 11 am to 13 pm there will be scrum meetings, these will serve as Evaluation just like the star in the middle of all processes, where all the members reunite to discuss together the work done and evaluate it, unanimously choosing whether to accept it or not if it does not fit the scope of the software.