Requirement Specification

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This document specifies the requirements for "Marvel", an advanced spreadsheet application

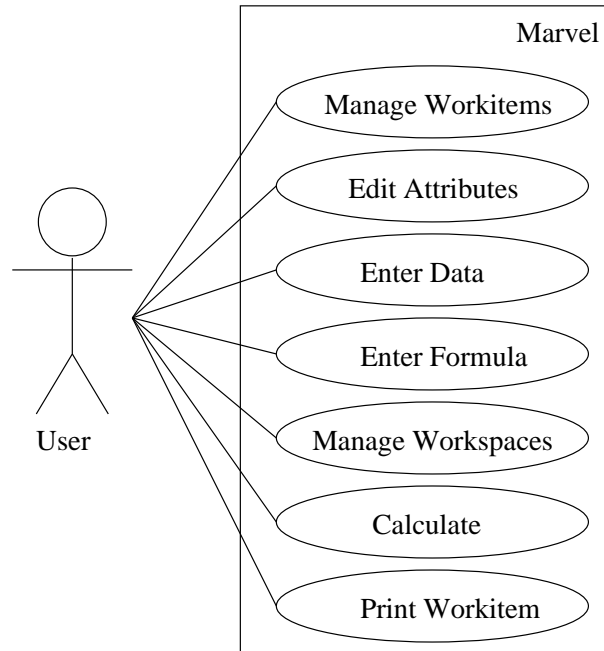| Version	Author	Date	Status	Comments
1.0	Stefan Franck	13. April 2005	submitted	

1 Objectives

"Marvel" is a spreadsheet application. It shall abstract over typical objects in other spreadsheet programs, like tables, queries, views, etc.

2 Product Scope

Marvel enables it's users to manage and store information in two-dimensional spreadsheets. The use of many spreadsheets is simplified by the concept of the workspace which is quite similar to directory of a filesystem.

A workspace may contain arbitrary many workitems, which may be spreadsheets, queries, views, formulas and so on. A spreadsheet is a two-dimensional represantation of arbitrary data, normally organised as a table. Queries are projections of data. Views are filters on data, and formulas are calculations depending on the data.

3 Overview

4 Functions

/LF10/ **Use Case:** Manage Workitems
Actor: User
Description: Workitems can be created, deleted, renamed, moved and cloned.

5 Stored Data

/LD10/ Workspace (max. 1.000)

6 Non-functional Requirements

/LL10/ Observing standard usability characteristics, being similar to OpenOffice (`http://specs.openoffice.org/`

7 Quality Requirements

feature	desired quality
functionality	normal
reliability	high
usabilitity	high
efficiency	normal
changeability	normal
portability	low