Requirements Tool Project

Business Requirements

April 2019

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# Document Information

## Document History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 12/4/2019 | 0.1 | Initial Draft | Bogdan H. |
|  |  |  |  |
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## Definitions, Acronyms and Abbreviations

| **Term** | **Explanation** |
| --- | --- |
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## References

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# Introduction

### Purpose of this Document

The purpose of the Requirements Tool Project document is to outline the requirements for the Summer Students Project.

### What it’s Useful

This document contains all of the software requirement specifics. It contains a general description of the types of users who will be using our application, how it is going to work, and what technologies we are using to make it work.

It will also outline and describe each component of the project.

# Requirements

| **Requirement ID** | **Description** |
| --- | --- |
| 1. | XML “needscoverage” member shall be implemented. Please see 3.1 chapter |
| 2. | XML “providescoverage” member shall be implemented. |
|  |  |
|  |  |

## NeedsCoverage and ProvidesCoverage members:

**User Requirements**

<id> REQ1

<needscoverage> REQ2

<providescoverage> N/A

**System Requirements**

<id> REQ2

<needscoverage> REQ3

<providescoverage> REQ1

**Software Requirements**

<id> REQ3

<needscoverage> src,tst

<providescoverage> REQ2

“src,tst” means that the REQ3 shall be implemented in the code (src) and also tested (tst).

The c# application will search in all code, “.c” and “.h” files, to check if the requirement REQ3 is implemented and tested.

When the developer implements a line of code, is needed to add a comment about the requirement that is implemented. Please check the following example:

