Popescu Christian

[Email address]

Abstract

[Draw your reader in with an engaging abstract. It is typically a short summary of the document.   
When you’re ready to add your content, just click here and start typing.]

BUC-02 – Files operations

[Document subtitle]

**History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Content** |  |
|  |  |  |  |

**Table of Contents**

Table of Contents

[1 Vision 3](#_Toc193890350)

[2 Use cases 3](#_Toc193890351)

[2.1 Business use cases 3](#_Toc193890352)

[2.1.1 BUC-01- Create resources (file structure and folders) 3](#_Toc193890353)

[2.1.2 BUC-02 – Files Operations - Search in file, extract from file, modify file 3](#_Toc193890354)

[2.2 Technical use cases 3](#_Toc193890355)

[2.2.1 TUC-01 – Implement a file repository. 3](#_Toc193890356)

[2.2.2 TUC-02 – Implement a folder archive. 3](#_Toc193890357)

[3 Technical constraints 3](#_Toc193890358)

[4 Analysis 3](#_Toc193890359)

[4.1 BUC-01 Analysis 3](#_Toc193890360)

[4.2 TUC-01 Analysis 4](#_Toc193890361)

BUC-02 – Files Operations - Search in file, extract from file, modify file

* Search in a file if some kind of information is present.
* Extract from file some information.
* Modify file
  1. Technical use cases

1. Analysis
   1. First reflections

* The class / classes should be Unit Testable 🡺 Physical disk file should be separated from the object
* One class that do this for the moment.
* One exception class.
* Using a “ListOfElements” class as the file should be seen as a list of lines.
* List of Elements could be used for another use cases.