**Software Requirements Specification**

for

**ContentNotifier**

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**ABSTRACT:**

Time is a valuable asset to human beings. Managing the time well, will let the people do multiple jobs intime. In today’s digital world, each and every work is virtualized and is being accessed through websites using the internet. The time required to know the presence of required data in a digital asset is quite hard. Manual checking of data might need more time and focus. In order to facilitate people with an easy way for data checking in the digital assets, this **“ContentNotifier”** project aims to provide a platform where the users can get the email notifications for the data they are searching for. This mainly helps the people to know the presence of data without checking manually. The software implemented will check for the data instead of the people who actually want the data. Those who are waiting for the upcoming data in corresponding webpages can use this platform. This project could make people comfortable in searching the data in digital assets.

1. **Introduction**
   1. **Purpose**

This project is developed

* To give content update via email to wide range of people who are waiting  for desired data.
* To reduce time taken for data checking.
  1. **Documental Conventions**

All keywords are written in bold letters.

* 1. **Scope**

Anyone who wants to get updated about the desired content based on requirement can use this project.

1. **Overall description**
   1. **Product perspective**

This project is customized version of LexisNexis content notification system, which searches for the desired data in various web pages and notifies the user about it. This “ContentNotifier” limits the web sources that are checked to the one which is provided by the user.

* 1. **Product Features**

This project lets the users to put less time for data checking.

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* 1. **Operating Environment**
* The content update is a website that will function on
  + Operating System – Windows
  + Editor – Visual Studio Code
  + Programming languages-python.

**2.4 Documentation**

Documentation part of this project should include the procedure to follow inorder to run the project and fix the issues.

1. **Functional Requirements**

The developed project should be able to

* Fetch the data from the given website
* Notify the user through gmail

1. **Non Functional Requirements**

**4.1 Performance:** This project should be able to run all the time.

**4.2 Security Management:** The gmail details shouldn’t be sharable.

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