**Software Architecture Document**

***TRIP SPLITTER/MERGER AND ENRICHER***

*CROSSYN*

|  |
| --- |
| **Date : 09/11/2021** |
| **Version : 0.1** |
| **State : Unreleased** |
| **Author : Dobri Trifonov, Joran van de Moosdijk, Robert Enuta, Stanislav Petkov, Tobias Halomoan** |

#### Version history

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Changes** | **State** |
| 0.1 | 09/11/2021 | Dobri Trifonov, Joran van de Moosdijk, Robert Enuta, Stanislav Petkov, Tobias Halomoan | Initial draft of architecture document | Draft |
|  |  |  |  |  |

**Distribution**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Receivers** |
| 0.1 | 10/11/2021 | Gupta, Roopali R. |
|  |  |  |

Contents

[**1.** **Introduction** 4](#_Toc87427900)

[**2.** **System Context (C1)** 5](#_Toc87427901)

[**3.** **Containers and tech choices (C2)** 6](#_Toc87427902)

[**4.** **Components (C3)** 7](#_Toc87427903)

[**5.** **Class diagrams and sequence diagrams** 8](#_Toc87427904)

[**6.** **Database Design** 9](#_Toc87427905)

[**7.** **Interfaces or API documentation** 10](#_Toc87427906)

# **Introduction**

# **System Context (C1)**

![Diagram, text

Description automatically generated]()

# **Containers and tech choices (C2)**

![Diagram

Description automatically generated]()

# **Components (C3)**

![Diagram

Description automatically generated]()

# **Class diagram**

*\* Raw file included in the documentation directory (For better quality)*

# **Database Design**

Diagram

Description automatically generated

# **Interfaces or API documentation**

(This section is going to be filled-in on a later stage of the project.)