VISION++

***Software Design Specification***

**Real-time Surveillance Detection and Monitoring System**

Vision Plus Plus

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| --- | --- |
| **Author** | Vision Plus Plus |
| **Customer** | N/A |
| **Phase** | 1 |
| **Version** | 1.0 |
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**Document Type**

|  |  |
| --- | --- |
| **Project Name :** | Real-time Surveillance Detection and Monitoring System |
| **Document Name :** | Software Design Specification |
| **Screen Name:** | Event |
| **Ref No :** |  |

**Revision History**

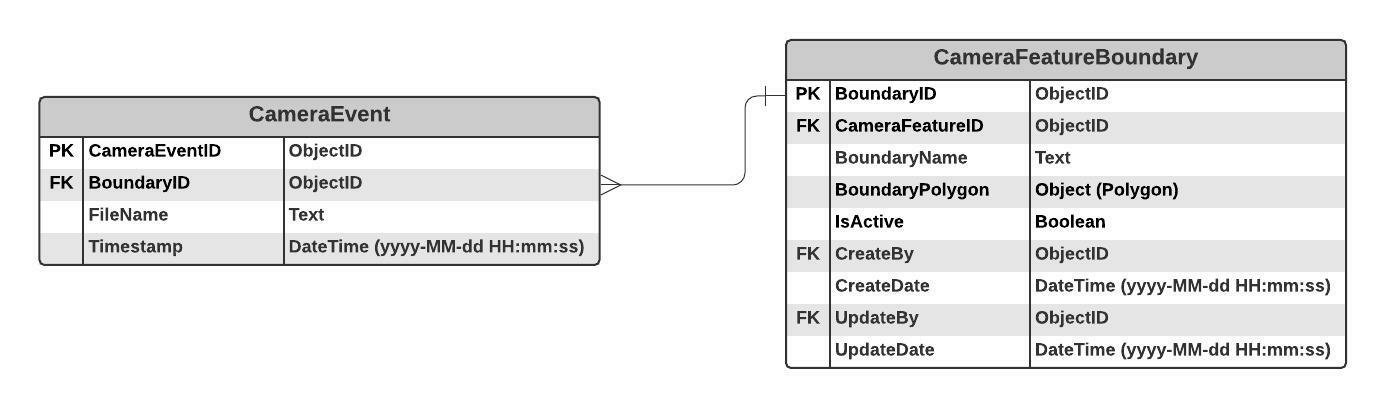
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| --- | --- | --- |
| **Date** | **Version** | **Description** |
| 2021-10-18 | 1.0 | Create Document |
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1. **Description**

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| --- | --- | --- | --- | --- | --- |
| **Program ID :** | DASH003 | **Name :** | Event | **System ID. :** | RSDMS |
| **Description :** | To search, display and play event video | | | | |
| **Association (Actor) :** | System Admin, General User | | | | |
| **Database Tables** | * CameraEvent * CameraFeatureBoundary | | | | |

1. **Functional Design**

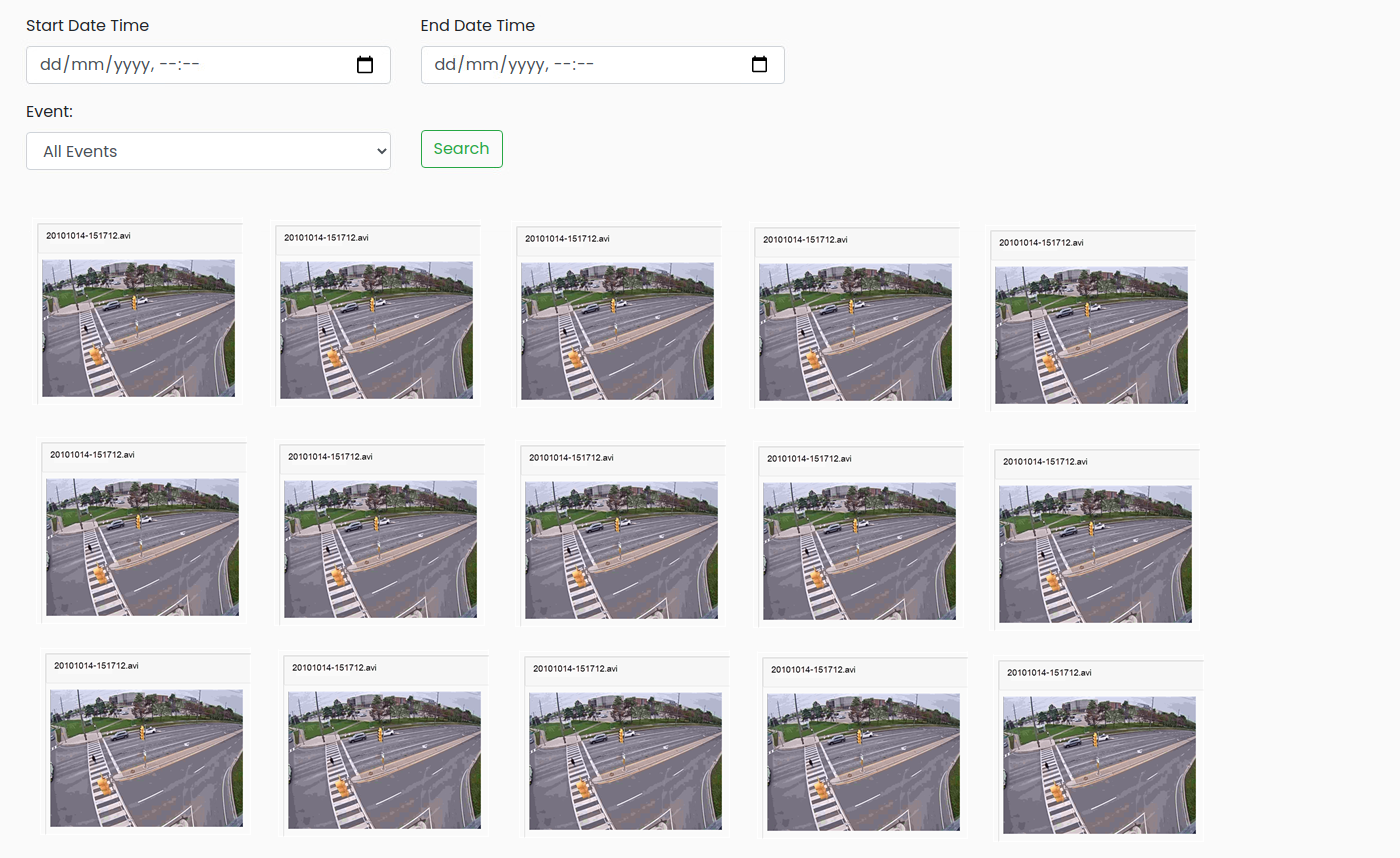
## Database Schema



## Functional Detail

### Search Function: when a user clicks on the menu “Camera Event”, the system will display a search function screen.

**User Interface**



**Data Control**

|  |
| --- |
|  |

| **No.** | **Data Item** | **Data Type** | **Control Type** | **Mandatory** | **Value Range** | **Note** |
| --- | --- | --- | --- | --- | --- | --- |
| **Section:** Camera Event [Search – Criteria] | | | | | | |
|  | Start Date Time | DateTime | Date | - |  | - |
|  | End Date Time | DateTime | Date | - |  | - |
|  | Event | Text | Drop-down Box | Yes |  | Item Lists:   * + Select the data from table [Feature] where [Feature.IsFeature=1]   Default Value   * + All Events |
|  | Seach | Button | Button |  |  | Click Event   * + Retrieve the data from the database [Event] based on the searching criteria |
| **Section:** Camera Event [Search – Result] | | | | | | |
|  | Thumbnails | Image | Image | - |  | Display   * + Display the thumbnails   Click Event   * + Play the video |

### Display Function: When users click on Thumbnail from the searching screen, the system will popup the screen and play the video below.

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