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| Use Case Name | Video Recording System |
| Actor | User, Used smartphone, Video Server |
| Trigger | The user push record button |
| Normal Flow | 1.When the record button is pushed, start recording  2.If people is detected by smartphone using OpenCV library, transmit video |

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| Use Case Name | Video Management System |
| Actor | Administrator, Video Server |
| Description | This Use case show functions provided to Administrator.  There are two primary functions.  1. Video Management(ex: remove, retrieve …)  2. Manage ML which is used to determine smoker or not |

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| Use Case Name | Reporting Smoker System |
| Actor | User, Video Server |
| Trigger | When the video arrives from Used Smartphone |
| Normal Flow | 1.Video Server Extract photo from video  2.Determine whether person in video is smoker or not  3-1. If smoker, transmit smoker photo and ask about reporting to agency  3-2. If not, dismiss it |