CS337 Course Project

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1 Model Description

TODO: add here the summary of the model

1.1 Dataset preprocessing

- Which dataset used : ASL dataset from ??
- Data only had 8 categories

Dataset

```
- Cropped_Data
    - accident_Cropped
     — accident_Crop_XXX_XX.avi
     call_Cropped
      call_Crop_XXX_XX.avi
     doctor_Cropped
     — doctor_Crop_XXX_XX.avi

    help_Cropped

    ├─ help_Crop_XXX_XX.avi
     hot_Cropped
     hot_Crop_XXX_XX.avi
    · lose_Cropped
     — lose_Crop_XXX_XX.avi
     pain_Cropped
     — pain_Crop_XXX_XX.avi
     thief_Cropped
     — thief_Crop_XXX_XX.avi
 Cropped_Frames

    accident_Cropped

      accident_Crop_XXX_XX
      frameXX.jpg{16 frames}
     call_Cropped
     - call_Crop_XXX_XX
      frameXX.jpg{16 frames}

    doctor_Cropped

     — doctor_Crop_XXX_XX
      — frameXX.jpg{16 frames}
     help_Cropped
```

```
help_Crop_XXX_XX
      frameXX.jpg{16 frames}
     - hot_Cropped
    hot_Crop_XXX_XX
      frameXX.jpg{16 frames}
    - lose_Cropped
    lose_Crop_XXX_XX
      frameXX.jpg{16 frames}
     - pain_Cropped
    pain_Crop_XXX_XX
      frameXX.jpg{16 frames}
    - thief_Cropped
    thief_Crop_XXX_XX
      frameXX.jpg{16 frames}
 - Raw_Data
 - accident_Raw.zip
 - call_Raw.zip
 doctor_Raw.zip
 - help_Raw.zip
— hot_Raw.zip
— lose_Raw.zip
— pain_Raw.zip
thief_Raw.zip
```