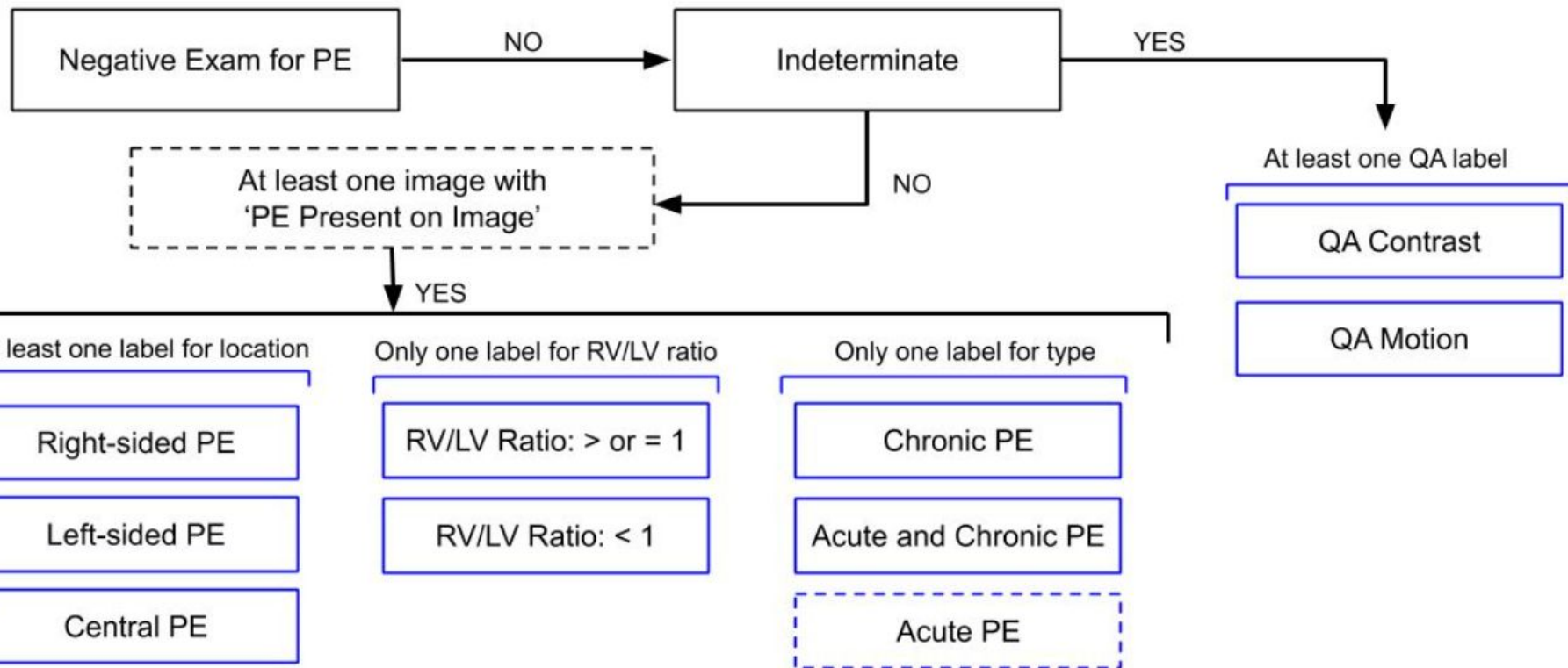


Sprint 5

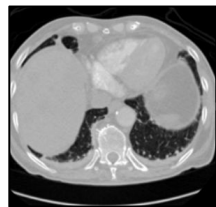
Kaggle Data

- `pe_present_on_image` - *image-level*, notes whether any form of PE is present on the image.
- `negative_exam_for_pe` - *exam-level*, whether there are any images in the study that have PE present.
- `rv_lv_ratio_gte_1` - *exam-level*, indicates whether the RV/LV ratio present in the study is ≥ 1
- `rv_lv_ratio_lt_1` - *exam-level*, indicates whether the RV/LV ratio present in the study is < 1
- `leftsided_pe` - *exam-level*, indicates that there is PE present on the left side of the images in the study
- `chronic_pe` - *exam-level*, indicates that the PE in the study is chronic
- `rightsided_pe` - *exam-level*, indicates that there is PE present on the right side of the images in the study
- `acute_and_chronic_pe` - *exam-level*, indicates that the PE present in the study is *both* acute AND chronic
- `central_pe` - *exam-level*, indicates that there is PE present in the center of the images in the study
- `indeterminate` - *exam-level*, indicates that while the study is not negative for PE, an ultimate set of exam-level labels could not be created, due to QA issues

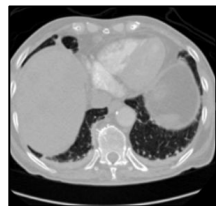


[Results Demo]

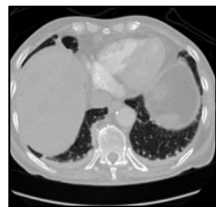
Stage 1



CNN
Feature
Extractor



CNN
Feature
Extractor



CNN
Feature
Extractor



Stage 2

Recurrent
Network



Slice Level

Recurrent
Network



Slice Level

Recurrent
Network



Slice Level



Study Level

(Aside) This is one way to make sentiment analysis work!

