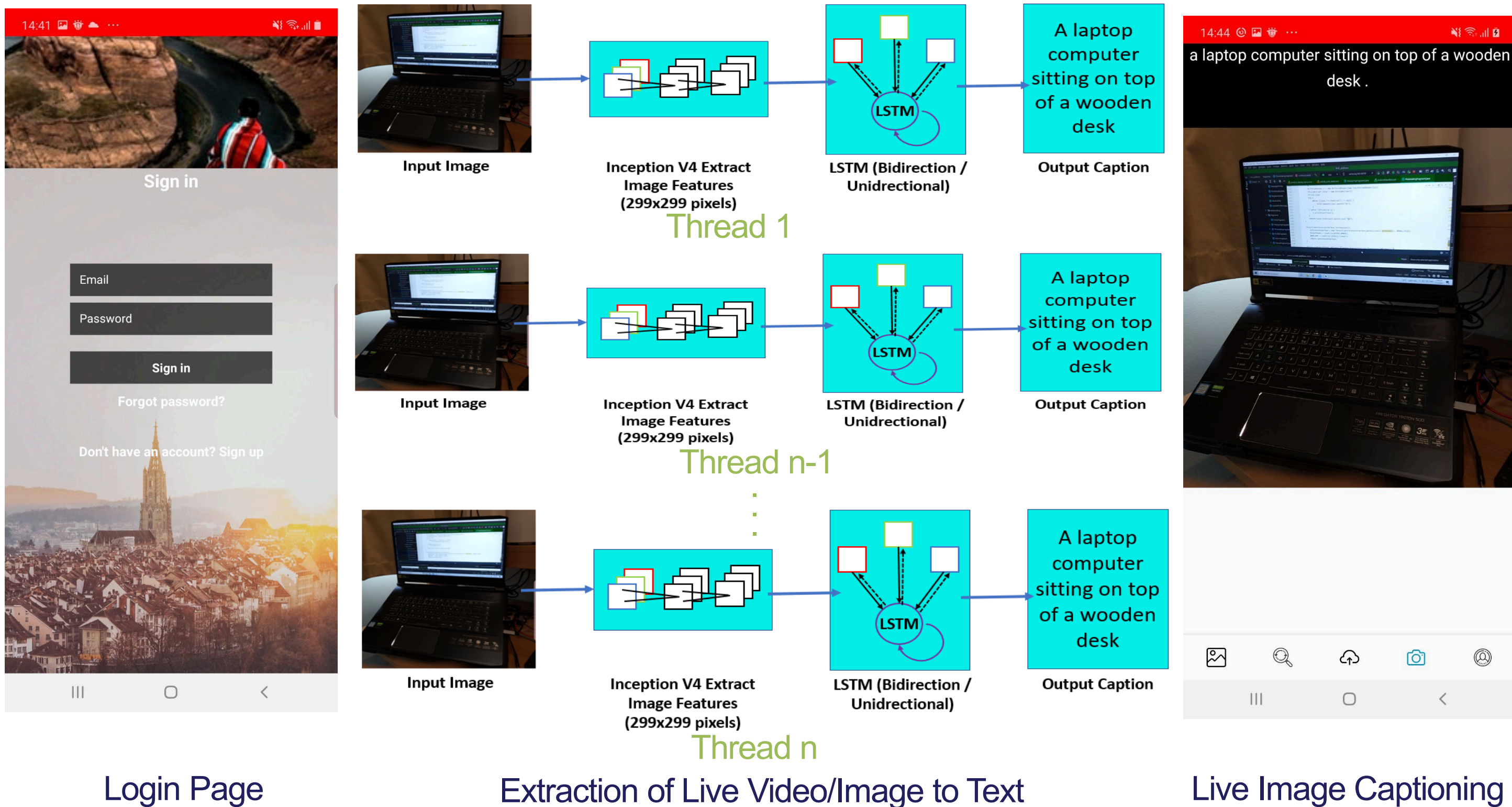


Neural Image Captioning

An android application with neural image captioning function

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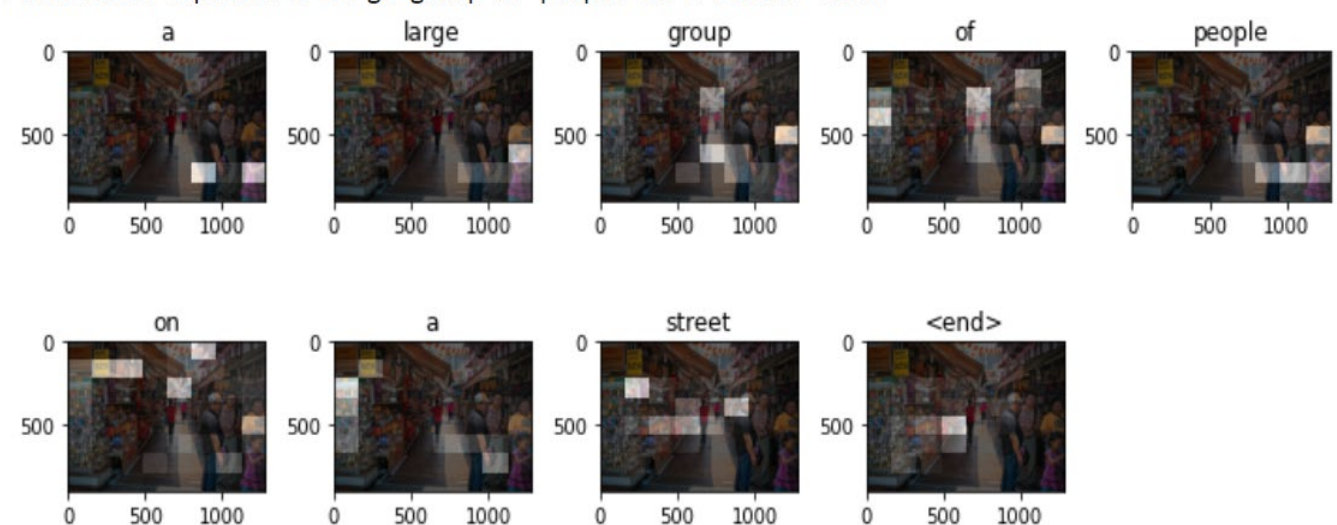
Overview of Image Captioning on Android Application



Project Objectives:

- ❖ Uses latest state-of-art deep learning model (InceptionV4).
- ❖ Integrate the deep learning model onto a mobile application
- ❖ Breaking down the live video/feeds into frames of image and processing each image on a different thread.
- ❖ The caption will then be automatically generated based on the softmax probability of the image features.
- ❖ Additional features include live chat, like button, profile page, login and registration

Prediction Caption: a large group of people on a street <end>



InceptionV4 Formulation of Image Captioning