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# Revised schedule after Checkpoint 1

## At checkpoint 1, what we have achieved:

- Dataset of approximate 400 photos of sleeping babies in different positions:
  - + Face down lying down
  - + Standing
  - + Sitting up
  - + Face up lying down
  - + Climbing
- BabysistterAI.ipynb: source code for training the AI using Alexnet architecture and testing data

### What troubles we've encountered:

- The output are not correct like we expected.
- Number of images are not enough to train the AI

## What we've learned:

We haven't understood deeply Alexnet to apply it for our project. The parameters for images transform are wrong for some reason and it makes the AI confused between safe images and unsafe images, giving the wrong output.

We are not so sure the reason are from the code itself or from the limited data.

By checkpoint 2, we need to debug and have the code working on different data on the Internet before testing it on our data.

#### **Revised Schedule**

Target	Date	
- Understand how AlexNet actually	By 11/26	Phuong, Vi, Phuc
work	(before Checkpoint 2)	_
- Modify parameters for images	By 11/26	Phuong, Vi, Phuc
transformation so that the outcome of AI	(before Checkpoint 2)	
will be more accurate		
- Test it with another data on the		
Internet to check		
- Get more images, about 600 - 800	By 11/28	Phuong, Vi, Phuc
	(before Checkpoint 2)	
- Preprocessing images with appropriate	By 11/30	Phuong
angle and dimension		
- Writing report	By 12/3	Phuc, Vi
- Slides for presentation	By 12/3	Phuong