Plan for implementing GCBVs

• How much effort on average do you estimate it will take to refactor a view to use GCBVs?
The project I did is pet adoption platform. So I might use it one pet list like we used in class. In general, since the list view is fairly simple and closely matches the built-in GCBV, it might only take a few minutes to make the switch. But in detail, if I decided to add some new features, the amount of effort required to refactor a view to use a GCBV will depend on the complexity of the view and how closely it matches the behavior of the GCBV I want to use. But further more, if the view is more complex or requires significant customization, it could take several hours or more to refactor it using a GCBV.

• Based upon the estimate above, what do you estimate it will take to refactor all of your views?
I think for my project, it might take several hours. Since this is the first time I use django, I have to read the official document and populate those GCBV. In detail, to estimate the exact efforts required to refactor all of those views, since I only have a small number of relatively simple views for now, it might only take a few hours to refactor them all. However, if I have more views to change, which are highly customized, it could take several days or even weeks to refactor them all.

• Do you have any views in your Final Project that do not lend themselves to using GCBVs? Why not?
Yes, there are some views in my final project that don't lend themselves well to using GCBVs. For example, adpotion view requires complex logic and interacts with multiple models (pets, owners), it might not be a good fit for a GCBV. Apart from that, the login view requires a highly customized template and URL structure, it might not be a good fit for a GCBV. But I think in general, for my single model like pet and owner, GCBVs are most useful for implementing common CRUD (Create, Read, Update, Delete) operations.

• How many lines of code do you estimate would be eliminated from your Final Project by refactoring to GCBVs?
For my final project, it might be about 100 lines of code. Since I haven't use GCBVs yet, so I just estimate those 2 models I decide to use. And for those 2 models, the number of lines of code that could be eliminated will depend on how much code is duplicated across those CRUD operations like displaying a list of objects or editing an individual object. GCBVs can help reduce those repetitive codes. Even if I have more highly customized views to change, the amount of this kind of code I could eliminate could be relatively small. Therefore, there won't be much difference.