Q-- Explain your approach

Since we need to display a list on a single screen, there's no need for multiple activities. The approach I've used is that we use a recycler view which displays a list of all types of accomodations, *viz,* Hostels, PGs, & Apartments.
In order to display three different layouts on the same recycler view, I've made a custom adapter with 3 ViewHolder classes which takes care of these layouts.
Now, in order to know which layout to use with which type, I've assigned an integer to each type in the model class.

Q-- List out the name of Java classes or resource files that will be needed

_6_ JAVA Classes:
MainActivity (where list is displayed)
Accomodation (Model Class)
AccomodationAdapter (RecyclerView Adpater)
PgTypeViewHolder
HostelTypeViewHolder
ApartmentTypeViewHolder

_4_ Layout Files:
activity_main containing recycler view
pg_card for pg type
hostel_card for hostel type
apartment_card for apartment type

_1_ Menu Files:
Dummy_menu file

Rest auto_generated files like drawables, values, etc.

Q-- How much time did it take to complete the assignment?

An hour approximately.

Q-- List of your past work on Android Application/other application report link/screenshots

Here's a link to the presentation on DetectiveX: a Lost & Found app meant for the college community.
https://prezi.com/view/TlHieMSJR3uFCEYHcuBs/

Here's the drive link to the screenshots of the Rural Development Cell app currently in development.
https://drive.google.com/open?id=1Nel8uOcj3241K0gwuX_fytpV7eOd_cEz

Q-- What are you good at (Don't limit your answer to Tech only)?

I'm good at public speaking and content writing. I'm also good at sports especially cricket and athletics.
Now, the tech part. I boast above par skills in Problem Solving and Core JAVA. I'm pretty good at working with Firebase and familiar with libraries such as Retrofit and Dagger.
HackerRank profile: https://www.hackerrank.com/17dcs012
Apart from this, there were some subjects which I enjoyed like DBMS, TOC, and Computer Networks.
I possess good leadership skills and have a good way with working under time constraints.

Q-- Your expectation out of this Internship?

I'm a sophomore entering into pre-final year. There are currently gaps in my knowledge which I'm eager to fill. Hence, from this internship I only want to learn new things from new people and add some work experience to my CV which will benefit me maybe in my on-campus placements.

Q-- Answer the following question (Yes/No)
Any Live Application on Play Store? NO
Used Rest API before? YES, worked with StackExchange API
Used Services? YES
Push Notifications? YES
Google Maps? NO
Firebase? YES