Layout

| CRITERIA | MEETS SPECIFICATIONS | Implementation |
| --- | --- | --- |
| Overall Layout | App contains at least 4 lists of relevant attractions for a location | * Banks * Food * Gyms * Petrol Pumps |
| Navigation | User navigates between lists in Fragments using either a Navigation Drawer or a ViewPager plus TabLayout. | ViewPager plus TabLayout |
| List Item Contents | Each list item contains information about an event, restaurant, historical site, or similar. | |  |  | | --- | --- | | Banks | * BFV-SG, Av. Independence, * BFV-SG, Tanambao V * B.O.A, Bd. Augagneur * B.O.A, Rue du Commerce * B.M.O.I, Bd. Joffre * B.M.O.I, Bd. Augagneur | | Food | * La Braise, Tahity Kely * Coté Cour, Bd. Joffre * Urban Grill, Rue Bertho * Soupe Chinoise Orchidée, Rue Marechal De lattre de Tassigny * Fortuna Express, Rue de la batterie | | Gyms | * ECCM, Bd. De la liberte * East Academy, Bd. Joffre * Barbell 501, Bd. Joffre * Wellness Fit, Bd. Joffre | | Petrol Pumps | * Total Villa Plessis, * Total Vatsy, * Jovenna Jacaranda, Bd. Augagneur * Shell Pangalana, RN5 * Shell Gare Routière, Bd. D’andovoranto | |
| Pictures | At least one list includes pictures of the location. | Make sure that pictures are included for each location except for “Petrol Pumps” |
| Layout Best Practices | The code adheres to all of the following best practices:   * Text sizes are defined in sp * Lengths are defined in dp * Padding and margin is used appropriately, such that the views are not crammed up against each other. | Make sure that all those requirements are followed |

Functionality

| CRITERIA | MEETS SPECIFICATIONS | Implementation |
| --- | --- | --- |
| Location Object | App contains a custom object for storing location information . | * Location attributes: Name, Address, Picture * Create a location object with two different declarations: one with image, another one without image |
| Custom Adapter | App uses a custom adapter to populate the layout with views based on instances of the custom class. | Make sure that all those requirements are followed |
| String Storage | All strings are stored in the strings.xml resource file. | Make sure that all those requirements are followed |
| Image Storage | All images are stored as drawables.  All drawables are stored at multiple densities. | Resize image then generate images with multiple densities |
| Errors | The code runs without errors. | Noted |

Code Readability

| CRITERIA | MEETS SPECIFICATIONS | Implementation |
| --- | --- | --- |
| Readability | Code is easily readable so that a fellow programmer can understand the purpose of the app. | Make sure that all those requirements are followed |
| Naming Conventions | All variables, methods, and resource IDs are descriptively named so that another developer reading the code can easily understand their function. | Make sure that all those requirements are followed |
| Formatting | The code is properly formatted:   * No unnecessary blank lines * No unused variables or methods * No commented out code   The code also has proper indentation when defining variables and methods. | Make sure that all those requirements are followed |