UDACITY

NASA NWs

RecyclerView

CRITERIA	MEETS SPECIFICATIONS
Create and reuse views in an Android app using `RecyclerView`	The app displays a list of asteroids in the Main Screen by using a `RecyclerView`, when tapping an item the app opens Details screen.

Network

CRITERIA	MEETS SPECIFICATIONS
Build an application that connects to an internet server to retrieve and display live data	The asteroids displayed in the screens are downloaded from the NASA API
Use networking and image best	The NASA image of the day is displayed in the Main Screen

CRITERIA	MEETS SPECIFICATIONS
best practices to fetch data and images	

Database and Caching

CRITERIA	MEETS SPECIFICATIONS
Create a database to store and access user data over time	The app can save the downloaded asteroids in the database and then display them also from the database. The app filters asteroids from the past
Implement offline caching to allow users to interact with online content offline	The app downloads the next 7 days asteroids and saves them in the database once a day using workManager with requirements of internet connection and device plugged in. The app can display saved asteroids from the database even if internet connection is not available

Accessibility

CRITERIA	MEETS SPECIFICATIONS
Add talkback and push-button navigation to make an Android app accessible	The app works correctly in talk back mode, it provides descriptions for all the texts and images: Asteroid images in details screen and image of the day. It also provides description for the details screen help button

Suggestions to Make Your Project Stand Out!

1. Modify the app to support multiple languages, device sizes and orientations.
2. Make the app delete asteroids before today once a day from the same workManager that downloads the asteroids.
3. Provide styles for the details screen subtitles and values to make it consistent, and make it look like in the designs.