

# Google Assistant with Android App

Growth Session X (#10) - - December 21-22 2017

Presented by Thuy



- Optimizing Contextual Content for Google Assistant
- Google Voice Action on Red Planet application

# Optimizing Contextual Content for Google Assistant

- Min API 23, optimize resource
- Register Application
- Activity share data

```
public void onProvideAssistContent(AssistContent outContent) {  
    super.onProvideAssistContent(outContent);  
    String structuredJson = null;  
    try {  
        structuredJson = new JSONObject()  
            .put( name: "@type", value: "MusicRecording")  
            .put( name: "@id", value: "https://example.com/music/recording")  
            .put( name: "name", value: "Album Title")  
            .toString();  
        outContent.setStructuredData(structuredJson);  
    }  
}
```

# Google Voice Action on Red Planet application

Using voice for these actions:

- Alarm actions: set alarm, set timer
- Communication actions: Initiate a phone call
- Fitness actions
- Local actions
- Media actions
- Open actions
- Productivity actions
- Search actions

# Google Voice Action Search pattern

- *`Search query on application`*

Example: search [Miley Cyrus](#) on [Youtube](#) app

- Search [contact us](#) on [Red Planet](#) application
- Search [my booking](#) on [Red Planet](#) application

# Demo

- Alarm
- Search [contact us](#)
- Search [my booking](#)

# Conclusion

## Pros:

- Friendly with user
- System actions suitable with some app
- Search action are generate and quite helpful
- Wearable devices

## Cons:

- Testing
- Limit actions
- Problem for production: API min 23
- Poot Support

# Thanks!

Contact Nimbl3

[hello@nimbl3.com](mailto:hello@nimbl3.com)

399 Sukhumvit Road, Interchange 21  
Klongtoey nua, Wattana  
Bangkok 10110

20th Floor, Central Tower  
28 Queen's Road  
Central, Hong Kong

[nimbl3.com](http://nimbl3.com)

