3D Perspective Effects on a Smartphone

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Virtual Window

4 cameras

Why?

- Reactive UI
- Better gaming experience
- 3D maps
- Augmented reality
- Transparent displays
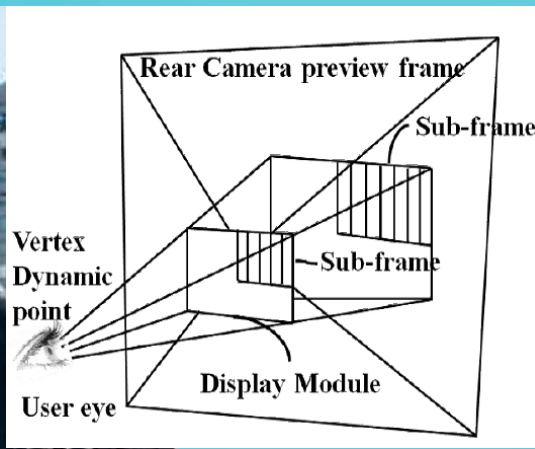- The Immersive cat picture viewing experience™

Indirect AR   Direct AR   Previous project (Digital transparency)

```
Front Camera                                          Viewing Distance              Inertial Sensors              Rear Camera
     │                                                      ┊                            │                            ┊
     │            Tablet                                    ┊                            │ E.K.F.                     ┊
     │              │                                       ┊                            │                            ┊
     ▼              ▼                                       ▼                            ▼                            ▼
Face Detection ──> Viewing Angle ──K.F.──> Dynamic Perspective ┈┈> Orientation ┈┈> Transparent Displays
```