

VIBE PROJECT

Virtual Biomedical and STEM/STEAM Education

2021-1-HU01-KA220-HED-000032251



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Gravity Sketch



➤➤➤ What is Gravity Sketch?

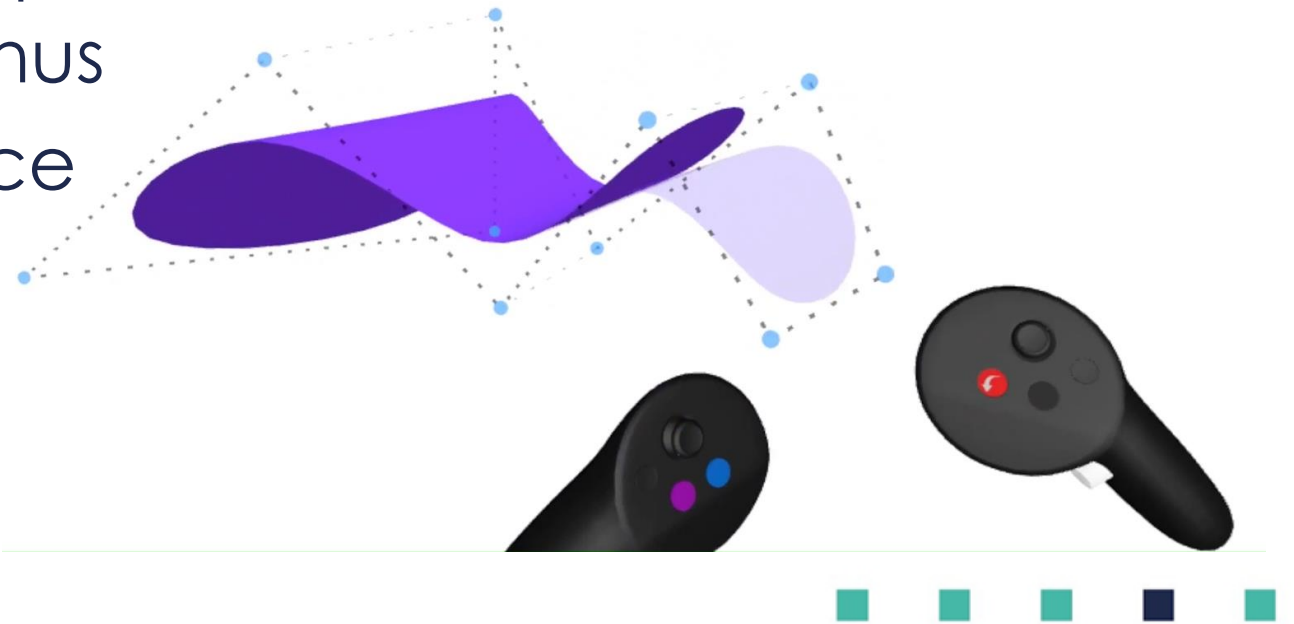
- 3D design and development studio
- Real-time or asynchronous collaboration
- Options to work in VR, MR and AR
- Industry workflow integrations
 - Blender, Keyshot, etc.
- Cloud-based storage for your creations
- Free library of prefabs and reference models





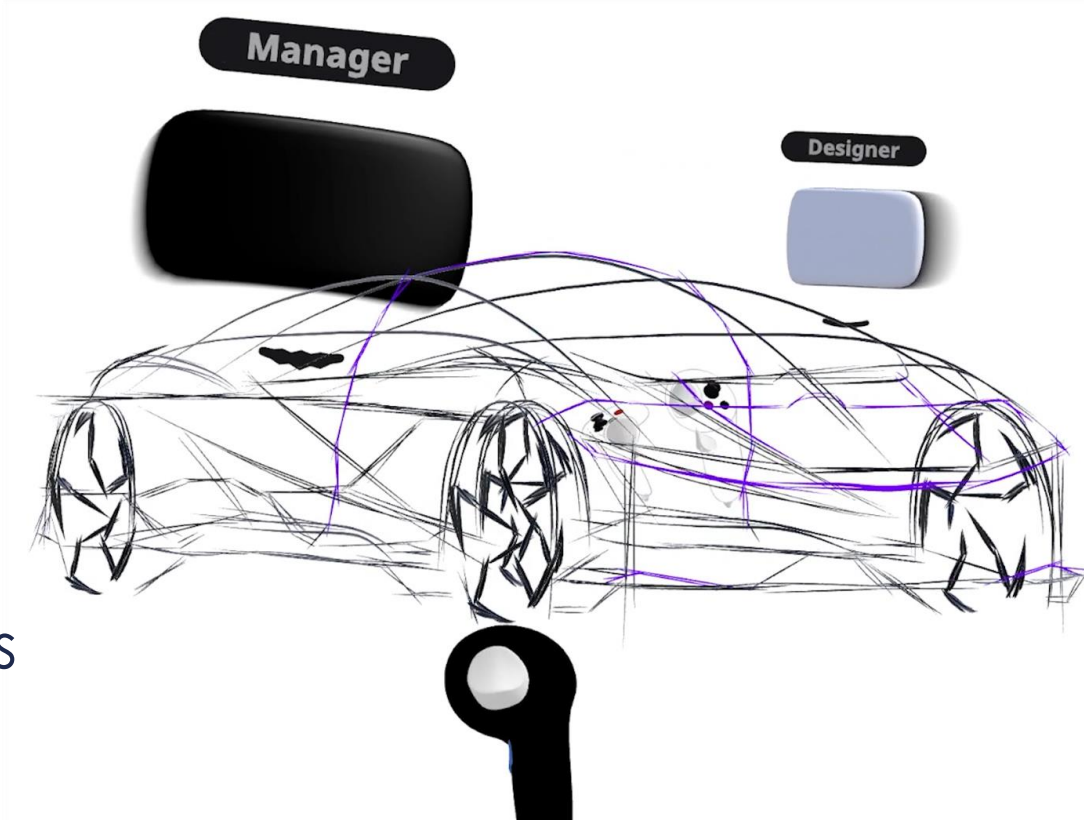
Easy to use

- Create using sketches
- 3D geometry engine
- Easy to use UI – no hidden option or drop-down menus
- Simple volume and surface creation tools
- Export designs as 3D files

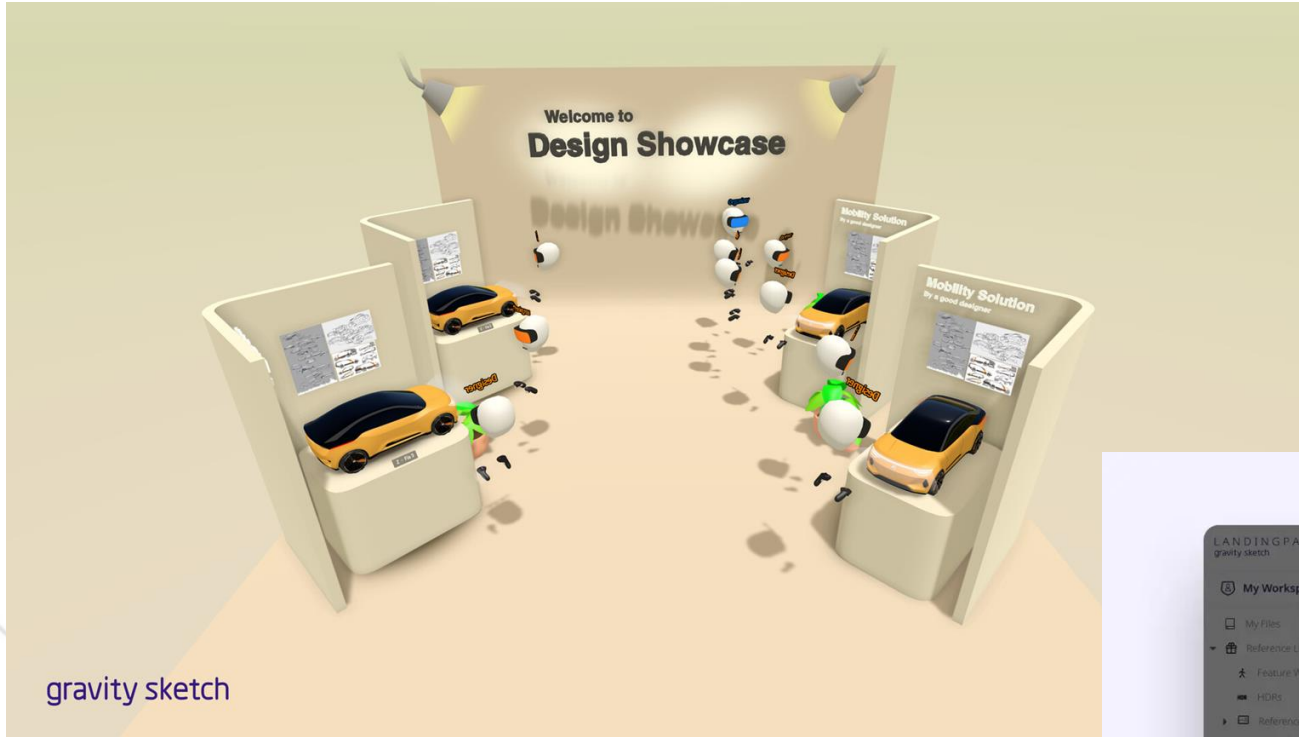


Working together

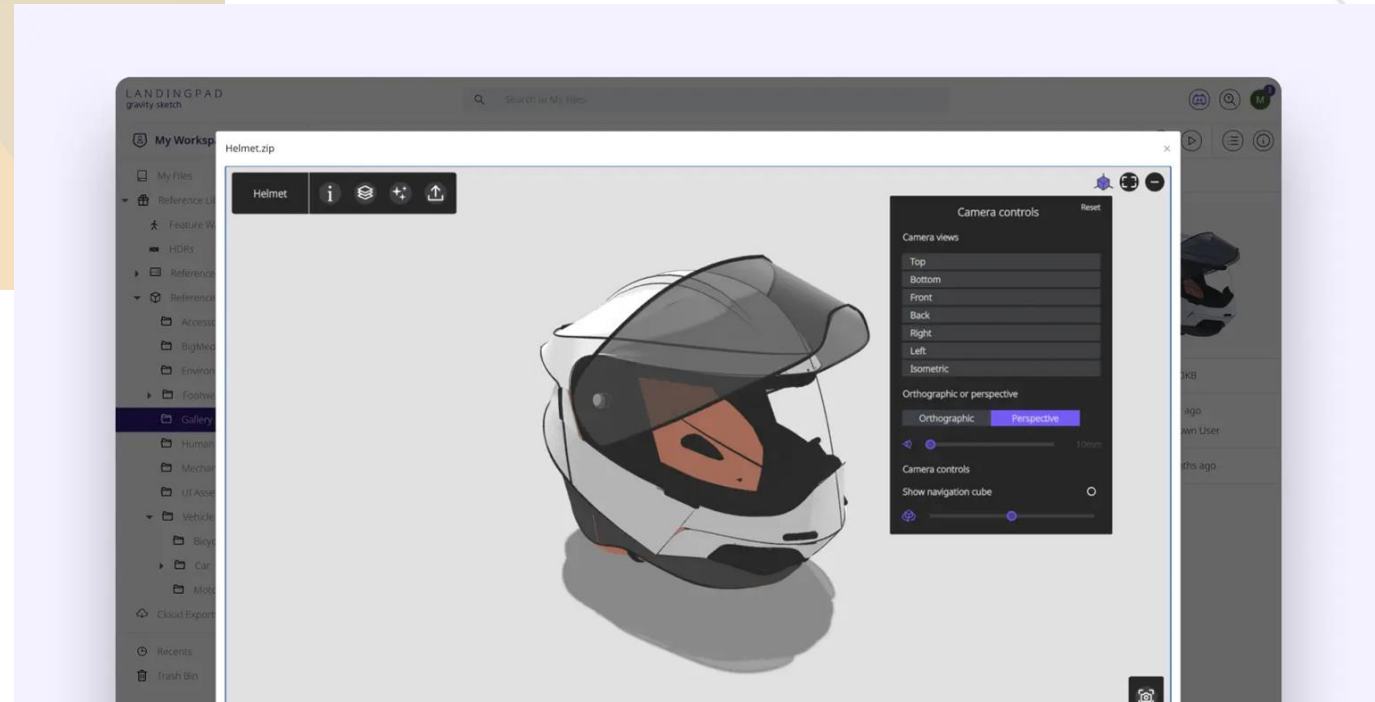
- Connect to online sessions
- Shared and individual storage space
- Showcase multiple designs
- Assign roles to participants
- Spectator mode – join rooms without a VR head



>>> Working Together

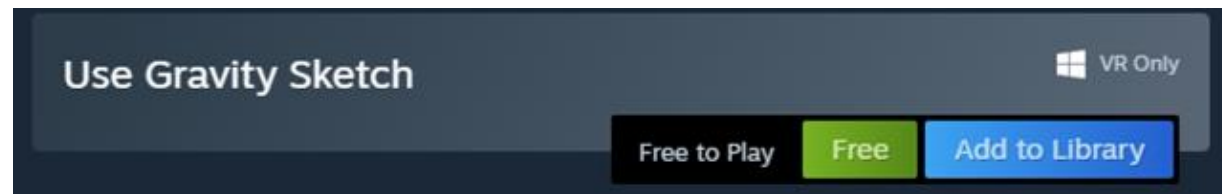


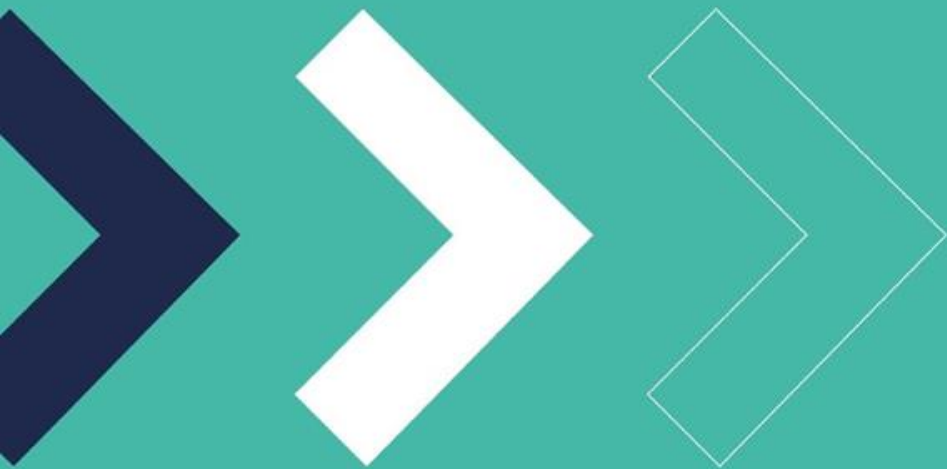
gravity sketch



➤➤➤ Availability

- Free for individual and hobby use
- Custom pricing options for design teams and companies
- Downloadable from Steam and Meta Quest stores
- Compatibility with tethered and wireless headsets
- Compatible with a wide range of VR Headsets
 - Certain restrictions apply (e.g. no passthrough or AR use on Valve Index or HTC Vive Pro)
 - Full function available on Meta Quest 2, 3 and Pro



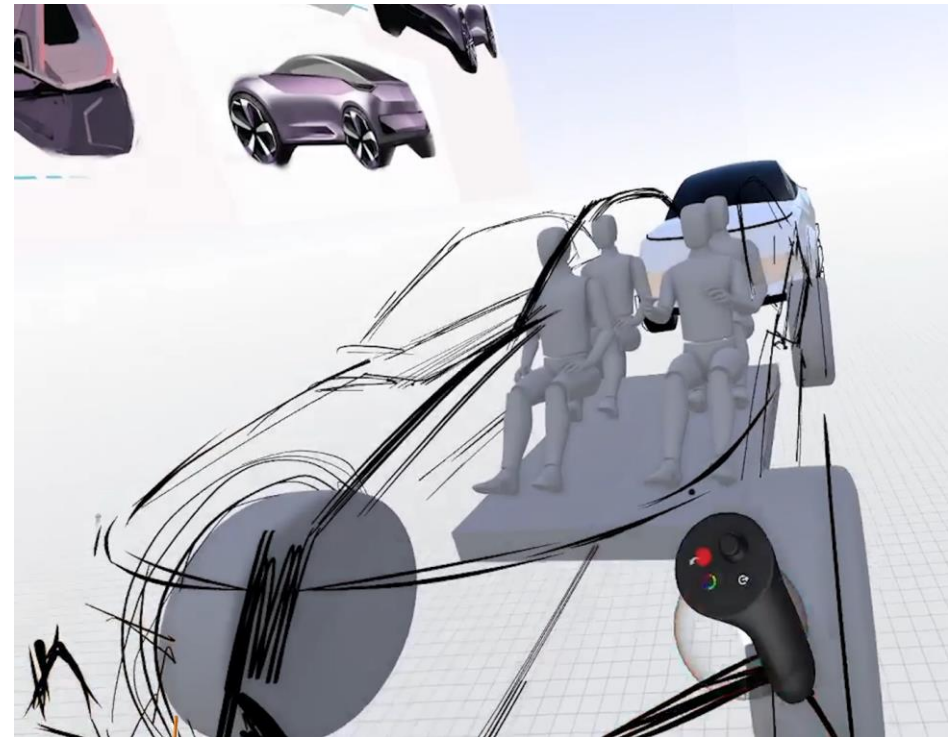


Professional Application



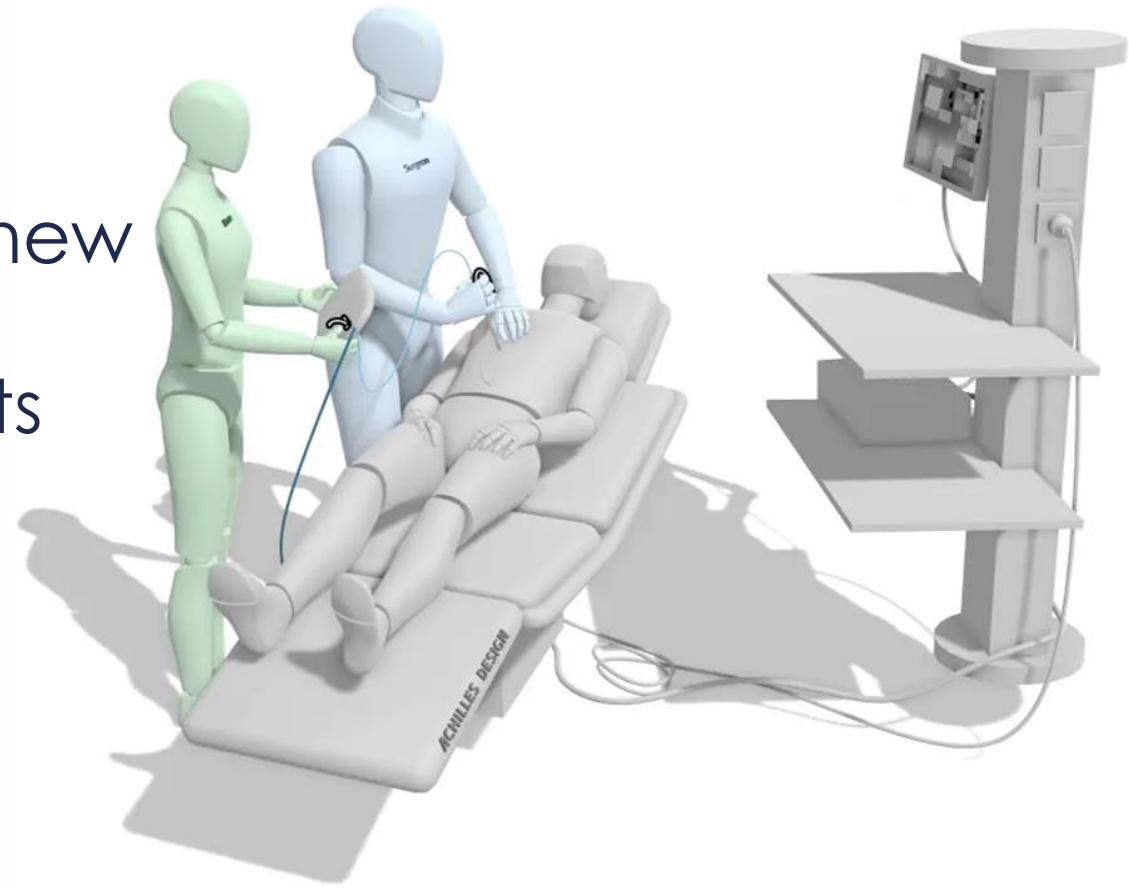
Industrial use

- Used by industry giants in
 - Transportation
 - Ford, Volkswagen Group, Nissan, Polaris, Stellantis, etc.
 - Clothing and sports equipment
 - Adidas, Puma, Reebok, etc.
 - IT sector
 - HP, Wacom, etc.
 - Other fields



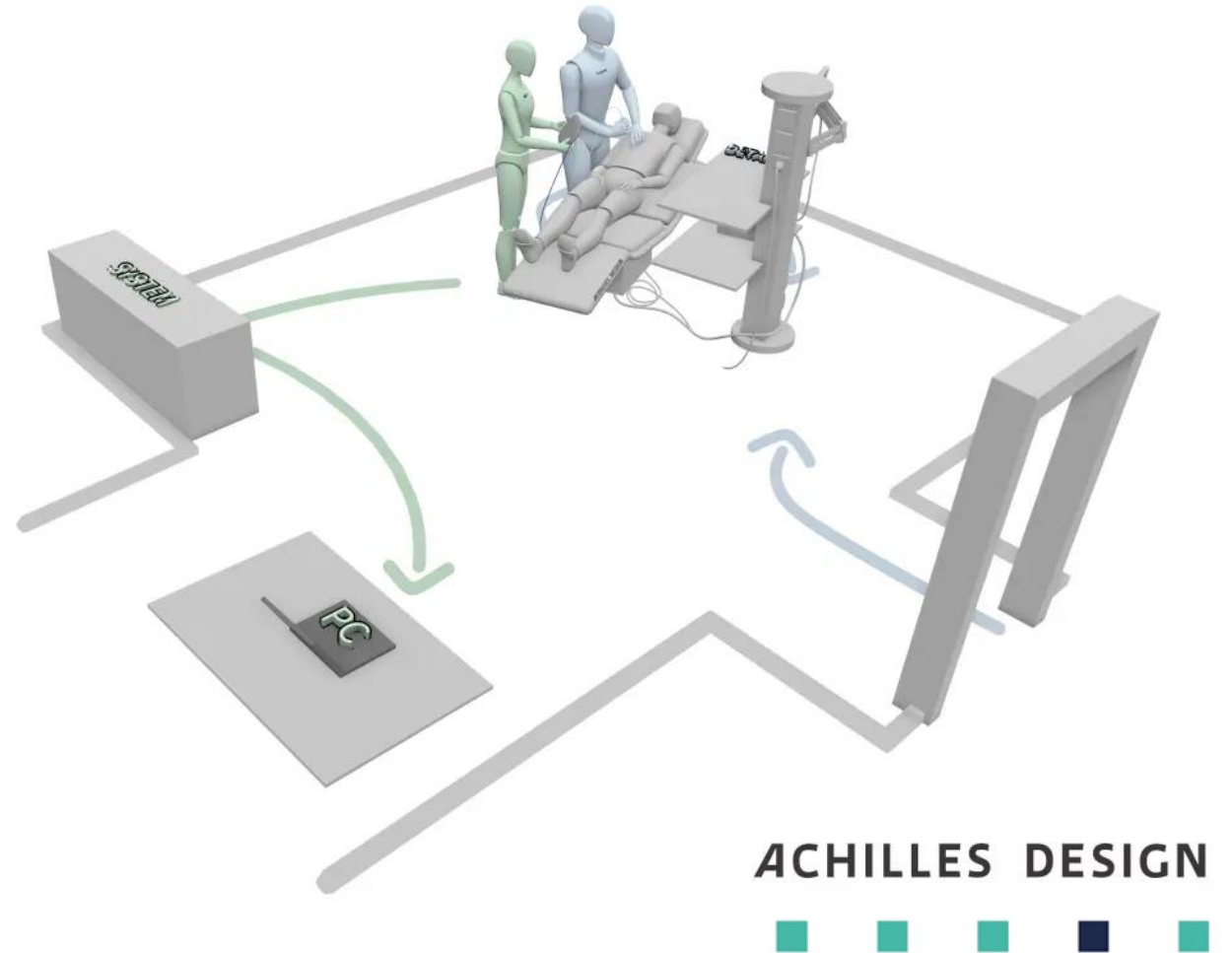
➤➤➤ Medical use

- Mostly used for design purposes
- Developing and testing new devices
- Building test environments
- Easy and cheap prototyping process
- Leading designer in the Medical field:
Achilles Design



➤➤➤ Achilles Design – example use case

- Gravity Sketch is used as one of the main design tools
- Recent project: Medical imaging device
 - Tissue measurements
 - Design focus: functionality, workflow
 - Prototyping in 3D:
 - Test scenarios
 - Device „mock-ups”





Sources

[Gravitysketch website](#)

[Achilles Design](#)

[Meta Store](#)

[Steam Store](#)

All images used in the presentation are from the websites listed above, my own screenshots, or stock photos available for free





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vibe-project.pte.hu

