ODIN II

System Design: Modeling

TEAM 11

TODD TOWNSEND, ABRAM FOUTS, KARLA BARRAZA LOPEZ, WENHAO CHENG, XUENING JIA

Sponsor: Brad Smith - Intel Corporation

Advisor: Fu Li

Larger Frustum

smaller Frustrum

application

Beat saber

Unity

Objects,
Physics,
Left eye, right eye
rendered view

HMD dir

frames

Strabismus
Correction
Wrapper

HMD definition

Compositor
Service

Take frames,
push to the headset

Time Warp,
barrel distortion

HMD location

GFX Driver

HW

Viewer