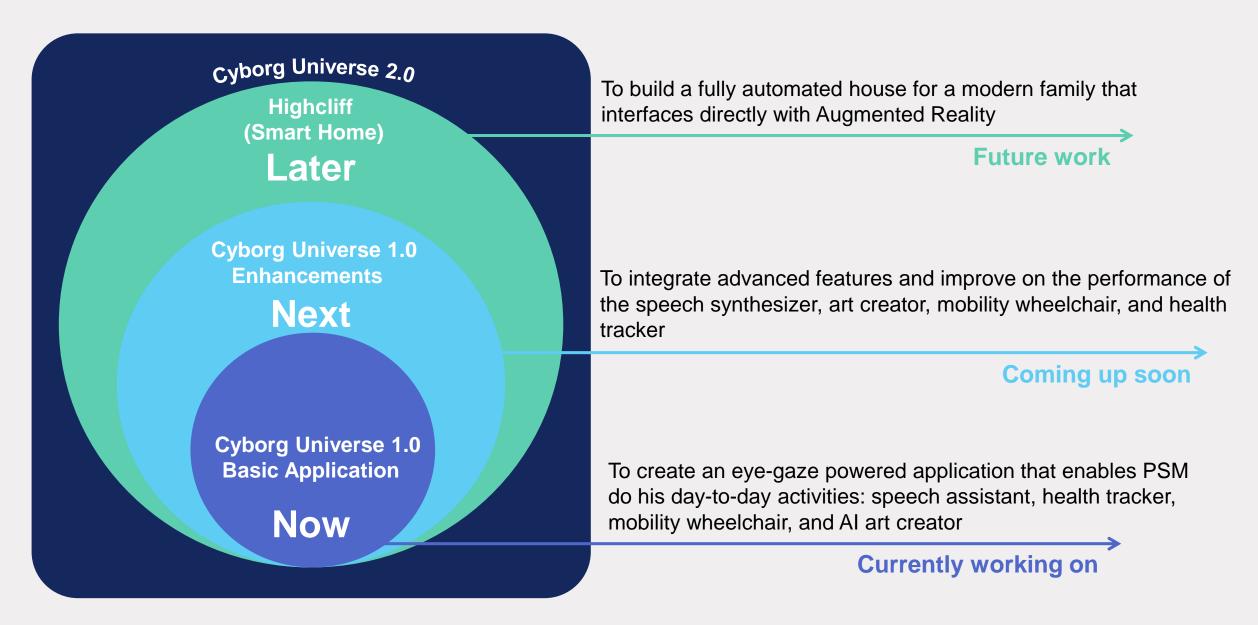


SCOPE





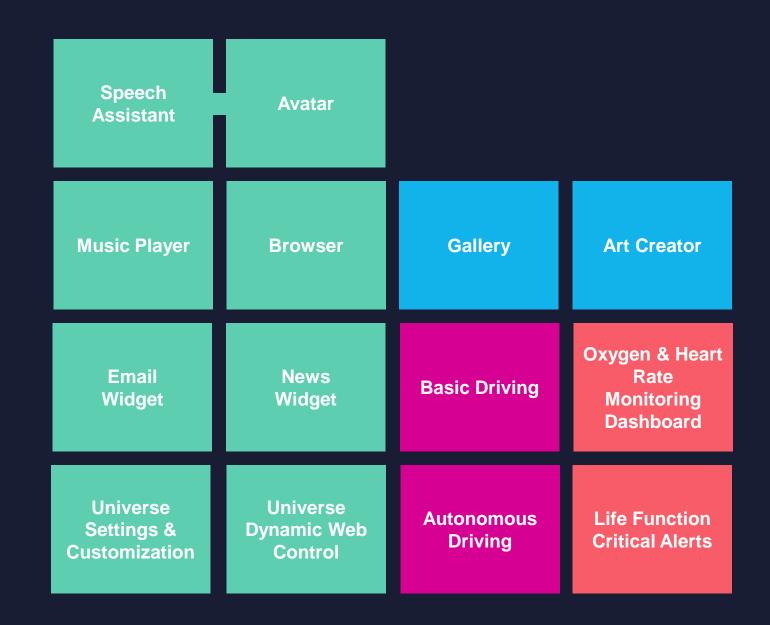
SPEECH ASSISTANT

Translates text-to-speech with intelligent assistant



Cyborg Universe Scope & Features

These are the major features that the team are currently building.



HIGHCLIFF PURPOSE

Highcliff is set to be the subject of a major mainstream documentary, book, podcasts, and substantial media attention.

This will be an opportunity to showcase capabilities and make a mark as a leader in Applied AI.

HIGHCLIFF GOAL



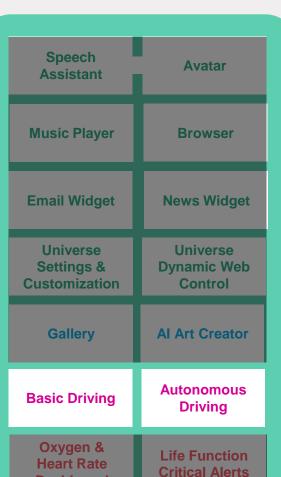
A large contemporary south-facing clifftop villa on the English Riviera, set in a semitropical garden, a stroll away from both Torquay seafront and the beautiful rural village of Cockington. To build a fully automated house for a modern family that interfaces directly with Augmented Reality.

This will include some of the ff. use cases:

- Mirror that automatically screens your health
- Bringing Peter to any part of the house using only one command
- Robots that help with cleaning and cooking
- Modifying immediate environment temperature, lighting, music, artwork displayed on walls throughout the house
- Mirror that become personal stylists and suggests based on wardrobe content

FEATURE OVERVIEW

Cyborg Universe 1.0



Dashboard



Enhancements

Performance Improvement

Smarter Reply Suggestions

Voice Tuned Responses

User Experience

Art Blending

Pre-processing Automation

Historical Data

Analytic Solutions



Highcliff (Home Automation)

Level 1: Smart Hub

Level 2: Environment

Level 3: Living Appliance

Level 4: Healthcare

Level 5: Safety/Security

Level 6: Home Entertainment

Level 7: Energy Management

HoloLens Integration

Universe Cyborg

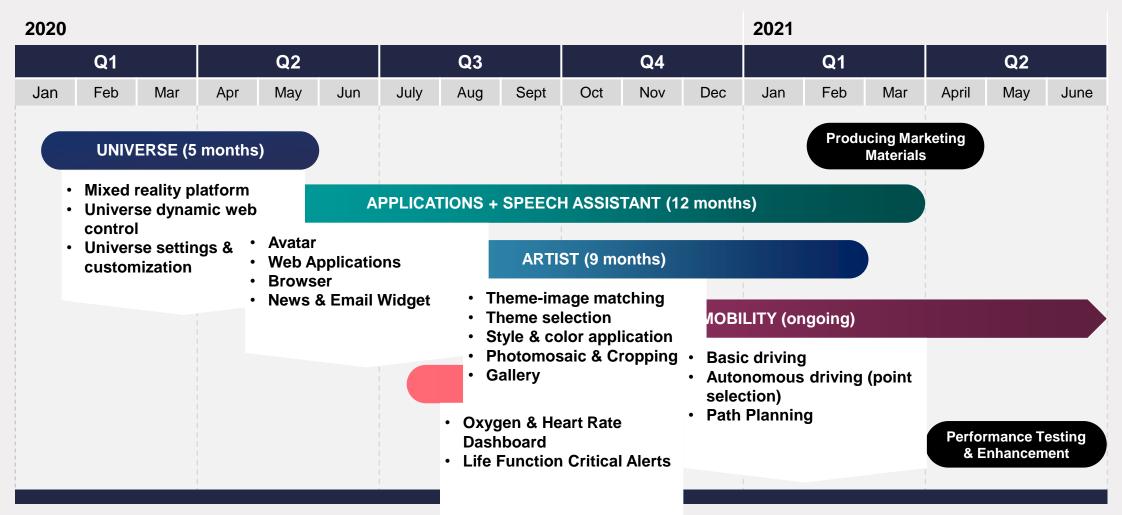
1 year 6 months 3 years 4 years



CYBORG 1.0 ROADMAP

GENERAL CHALLENGES:

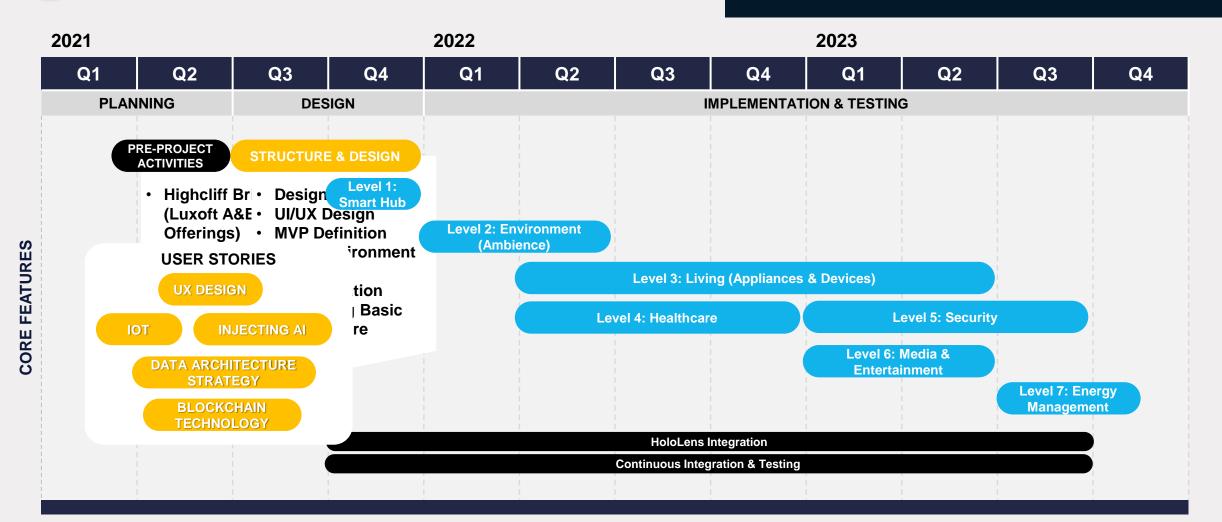
- UWP Incompatibilities functionalities working in Unity but not in the HoloLens
- 2. HoloLens Testing HoloLens Setup for PSM; needs some adjustment in wheelchair
- 3. Hardware Procurement & Constraints



* timeline includes research

RISKS:

- . Risk in implementation and testing since the villa is in United Kingdom
- 2. Support from A&E Practices
- 3. All devices interfacing directly to augmented reality
- 4. Device Procurement & Integration

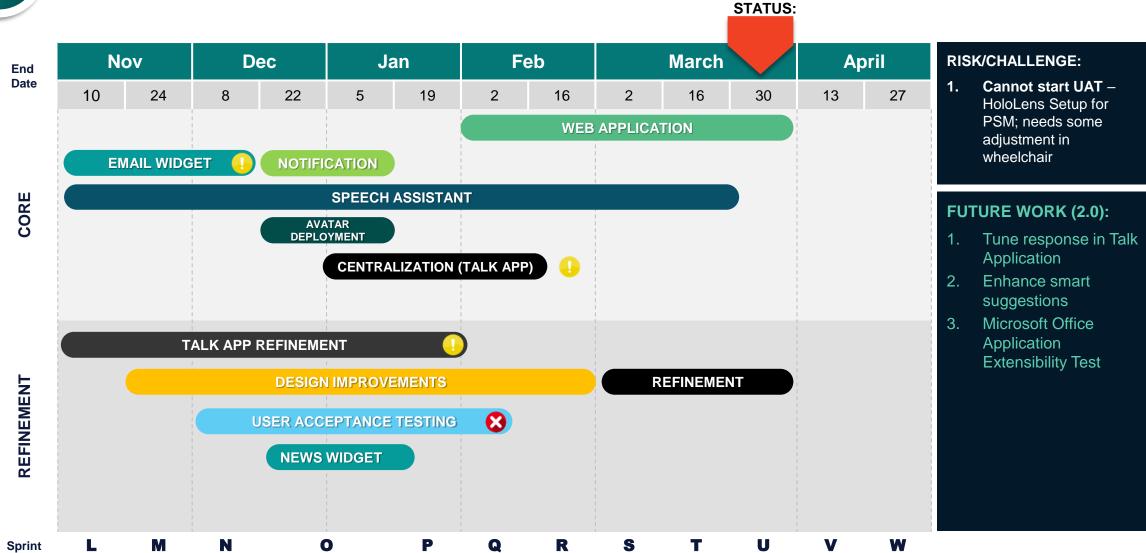


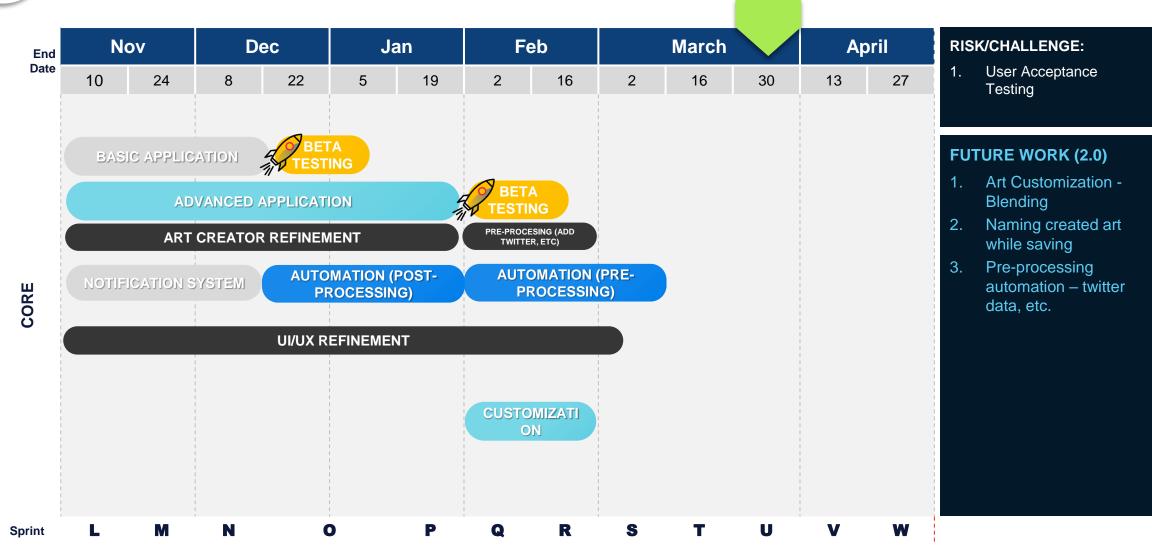
Assumption:

- Design & structure will start once the contract has been signed
- Estimations include research and augmented reality integration



UNIVERSE 1.0 ROADMAP

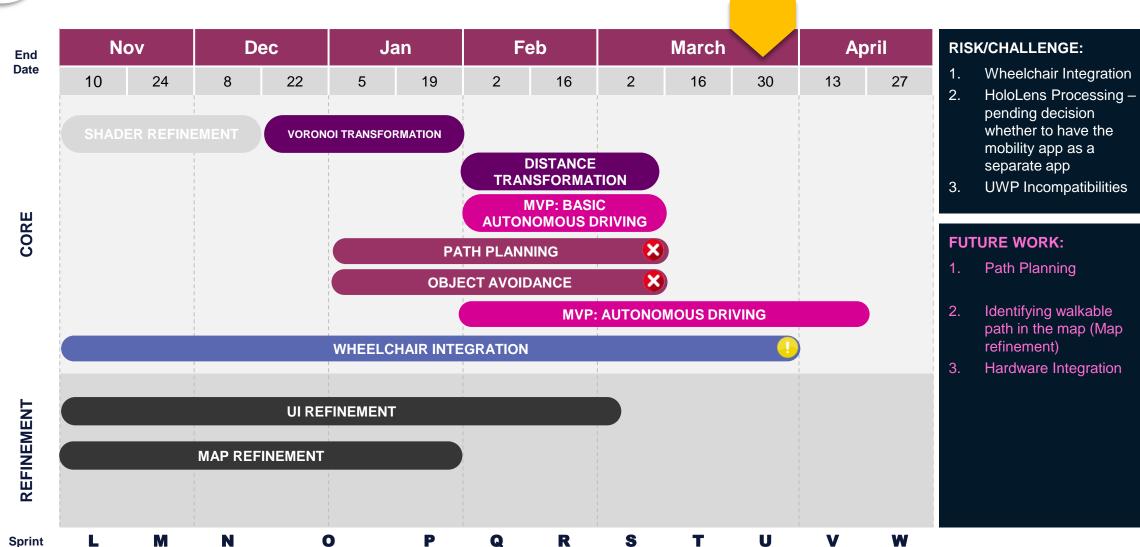




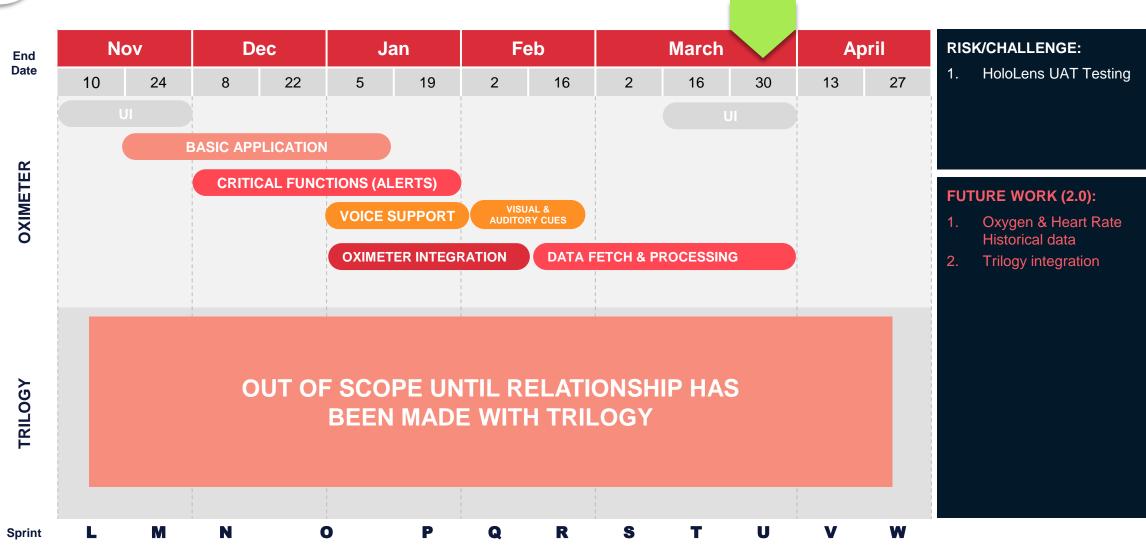
STATUS:



MOBILITY 1.0 ROADMAP

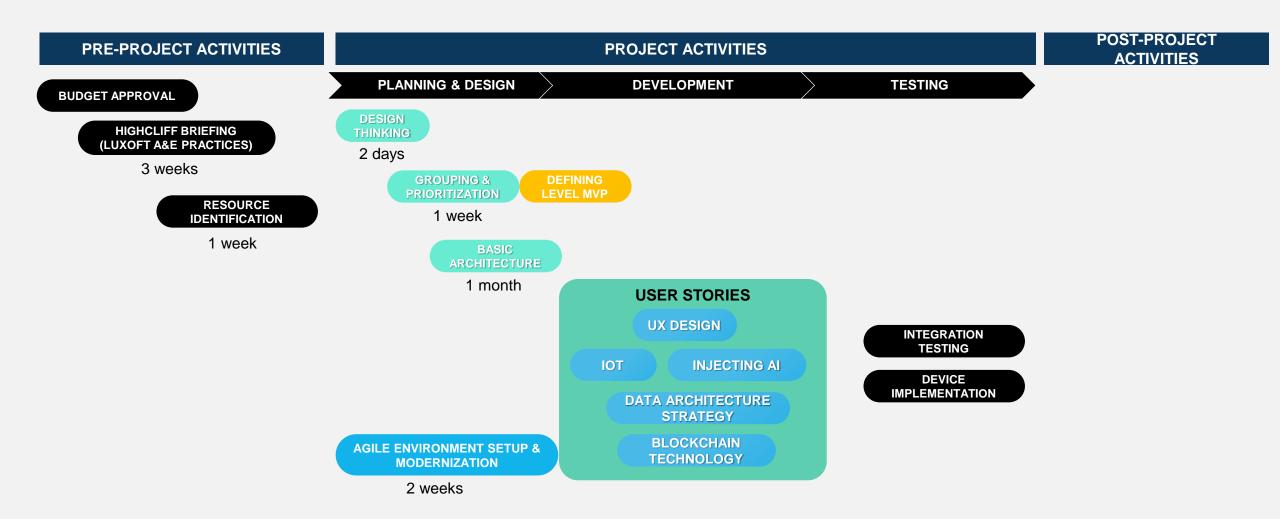


STATUS:



STATUS:

HIGHCLIFF ROADMAP & TIMELINE













Home Levels of Autonomy	Electric	Customized	Proactive	Support	Companion
Home Levels of Autonomy	Home	Home	Home	Home	Home
Devices with predetermined functions	0	0	0	0	0
Devices with learning and adaptive capabilities		0	0	0	0
Connection to Smart City			0	0	0
Central AI with the same level of human information processing			0	0	0
Central AI with superior level of human information processing				0	0
Physical companion					0
Human Involvement	High	High	Moderate	Low	Not Required

OVERVIEW





Enhancements



Highcliff (Home Automation

Cyborg Universe 2.0

Speech Avatar Assistant Music Player Browser Email Widget News Widget Universe Universe Settings & **Dynamic Web** Customization Control **Gallery Al Art Creator Autonomous Basic Driving Driving** Oxygen & **Life Function Heart Rate Critical Alerts Dashboard**

Performance Improvement Smarter Reply Suggestions Voice Tuned Responses Voice Tuned Responses Art Blending Pre-processing Automation Historical Data Analytic Solutions

Light & Ambience Media Control Health Screening Cooking Assistant Personal Shopper Water Control Mirror Stylist HoloLens Integration House Control Dashboard

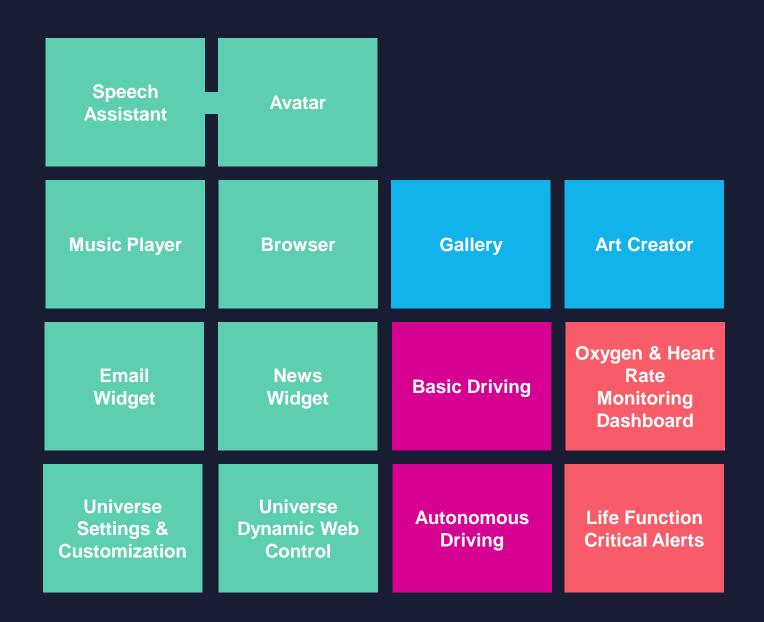
Robotic Mobility

Automated Home

1 year 6 months 3 years 4 years

Cyborg Universe 1.0 Scope & Features

These are the major features that the team are currently building.



OVERVIEW





.0

ated house for a modern family that Augmented Reality.

of the ff. use cases: omatically screens your health ny part of the house using only one

ith cleaning and cooking te environment – temperature, work displayed on walls throughout

personal stylists and suggests based

Mirror Health Screener	Avatar		
Music Player	Browser	Gallery	Art Creator
Email Widget	News Widget	Basic Driving	Oxygen & Heart Rate Monitoring Dashboard



Universe

SPEECH ASSISTANT

CORNER CONTROLS

SETTINGS

MUSIC PLAYER

NEWS WIDGET

EMAIL WIDGET



Artist

THEME SELECTION

GALLERY

COMPOSITION SELECTION

ART CREATOR PAGE

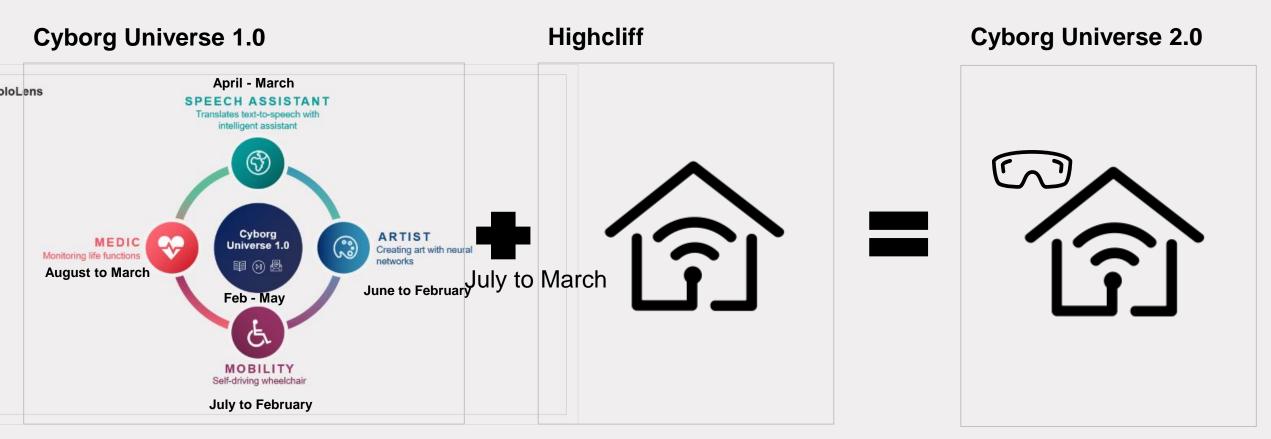
CROP PEOPLE

PHOTOMOSAIC



dic

OVERVIEW



1 year 2 years 3 years

OVERVIEW

Cyborg Universe 1.0





Highcliff





A large contemporary south-facing clifftop villa on the English Riviera, set in a semitropical garden, a stroll away from both Torquay seafront and the beautiful rural village of Cockington To build a fully automated house for a modern family that interfaces directly with Augmented Reality.

This will include some of the ff. use cases:

- Bathroom that automatically screens your health
- Bringing Peter to any part of the house using only one command
- Robots that help with cleaning and cooking
- Modifying immediate environment temperature, lighting, music, artwork displayed on walls throughout the house
- Mirror that become personal stylists and suggests based on wardrobe content

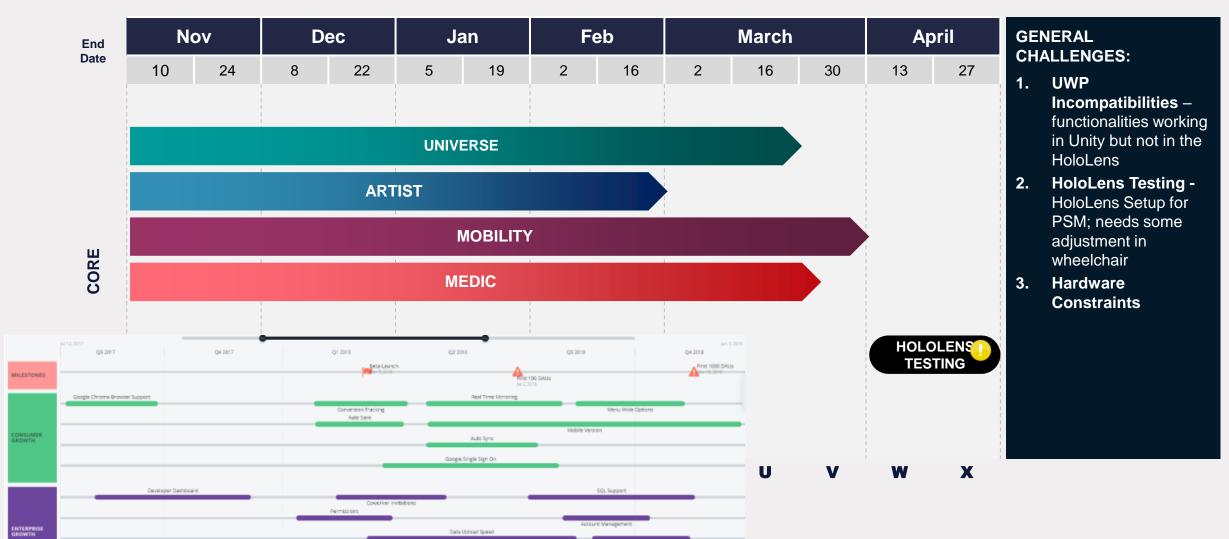
1 year

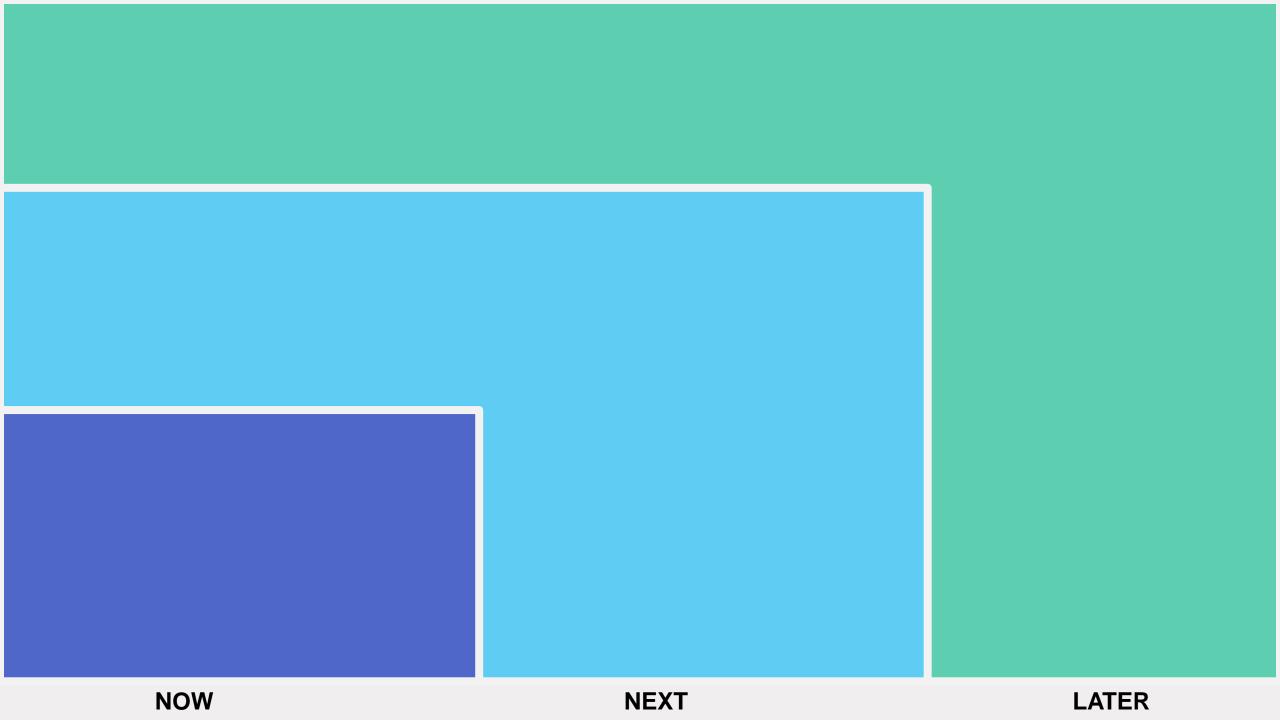
3 years

Cyborg Universe 2.0



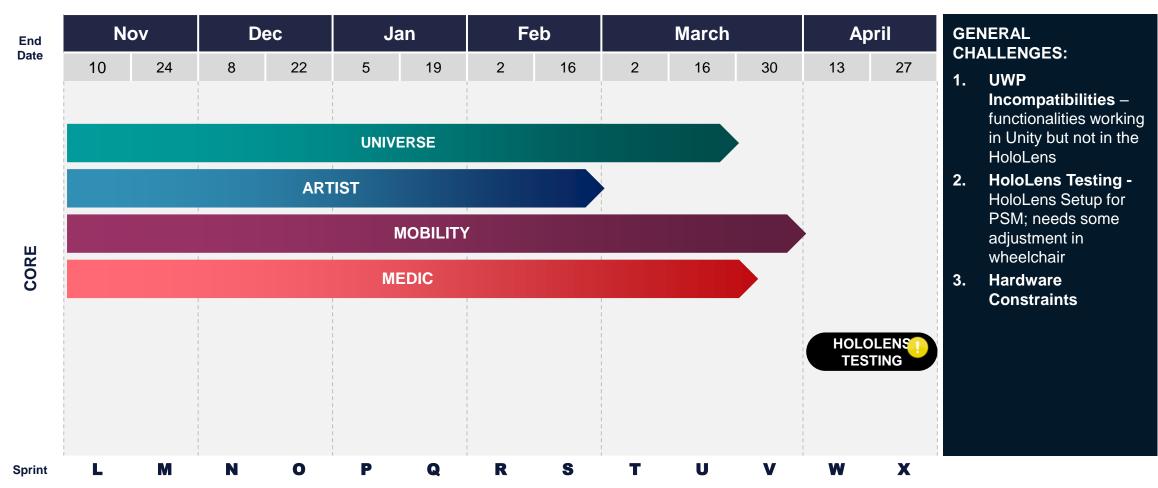
CYBORG 1.0 ROADMAP

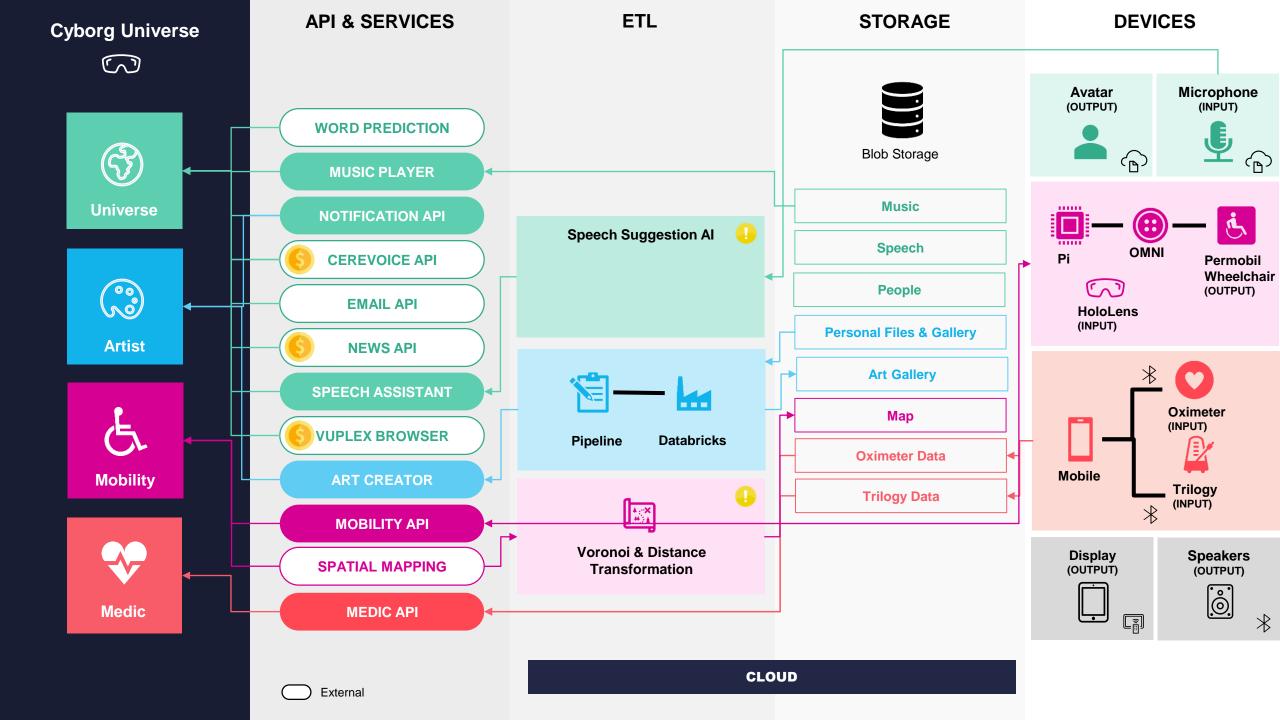


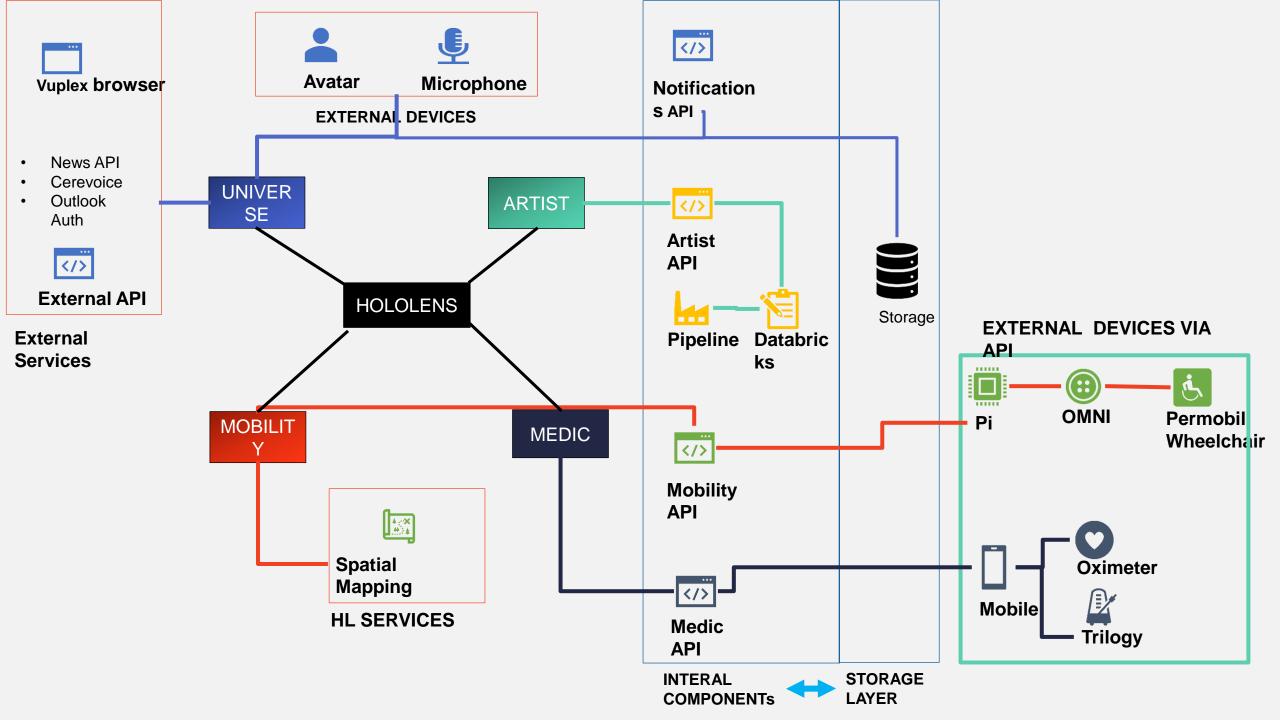




CYBORG 1.0 ROADMAP









Universe

SPEECH ASSISTANT

CORNER CONTROLS

SETTINGS

MUSIC PLAYER

NEWS WIDGET

EMAIL WIDGET



Artist

THEME SELECTION

GALLERY

COMPOSITION SELECTION

ART CREATOR PAGE

CROP PEOPLE

PHOTOMOSAIC







SPEECH ASSISTANT

CORNER CONTROLS

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