

Accenture x REMM

Digitala Möten och XR teknik:

Så här gör vi och så här har andra redan gjort!

Introduktion

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Metaverse/XR SME, AI/ML SME

ONE Accenture



TOPICS FOR THE DAY

- 1 Accenture och XR
- 2 Digitala Möten
- 3 Användningsområden
- 4 På Horisonten

Accenture: Vilka är vi?

750 000

Anställda

200+

Städer med Accenture
Kontor

US\$61.6B

Annual revenues –
FY22

7,000+

Kunder i 120+
countries



Accenture: VR/XR i siffror

Upplevelse

2000+

Events med hjälp av virtual reality (VR), inkl med 100+ kunder

Headset deployment

150000+

VR headsets som skickats/används inom organisationen i olika marknader

Accenture's investering inom "professional development"

\$900M

utbildningsinvestering FY22

31M

Utbildningstimmar



Vad är digitala möten?

Kommunikation, Samarbete,
Gemenskap, Identitet. Det är summan
av alla våra konversationer oberoende
av teknologi!



**Ledtråd 1:
Det är inte EN kanal**

**Ledtråd 2:
Det är inte EN Teknik**

**Ledtråd 3:
Det är inte EN hårdvara**

Accenture + NVIDIA + Microsoft Samarbete & Direktdelning genom MS Teams



Accenture + GCP + Marvel Stadium Navigering med förstärkt verklighet



**Ett mer effektivt sätt att ta till
sig samt dela kunskap,
information och upplevelse**

Tack!

Sarah Ouakim
Nordic Ventures & Open Innovation lead

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Data Visualizations in The Metaverse

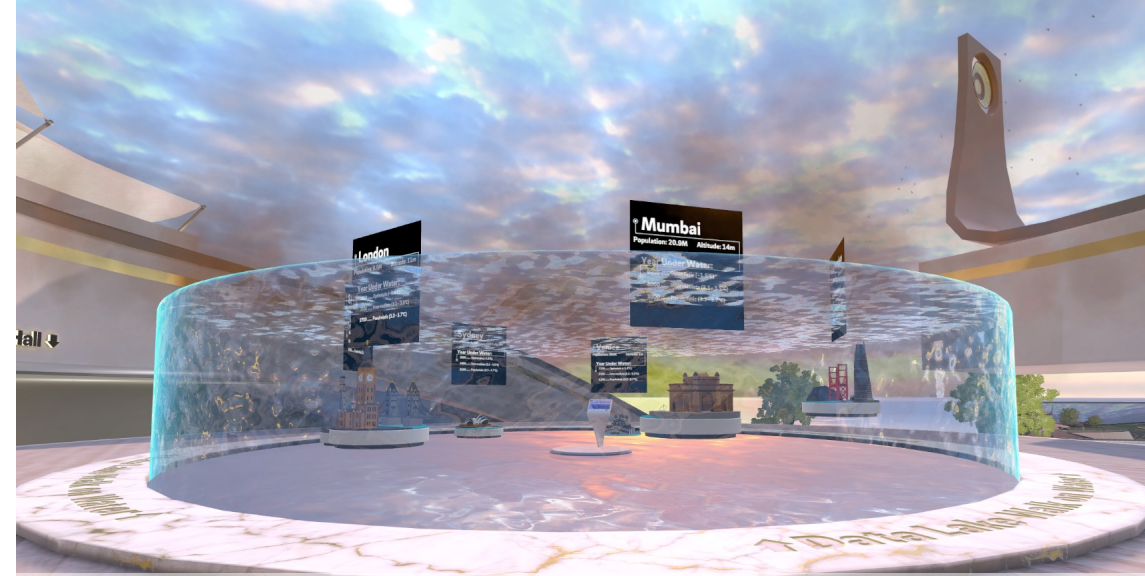
We built a Sustainability Metaverse that helps to understand data on a new level.

Summary

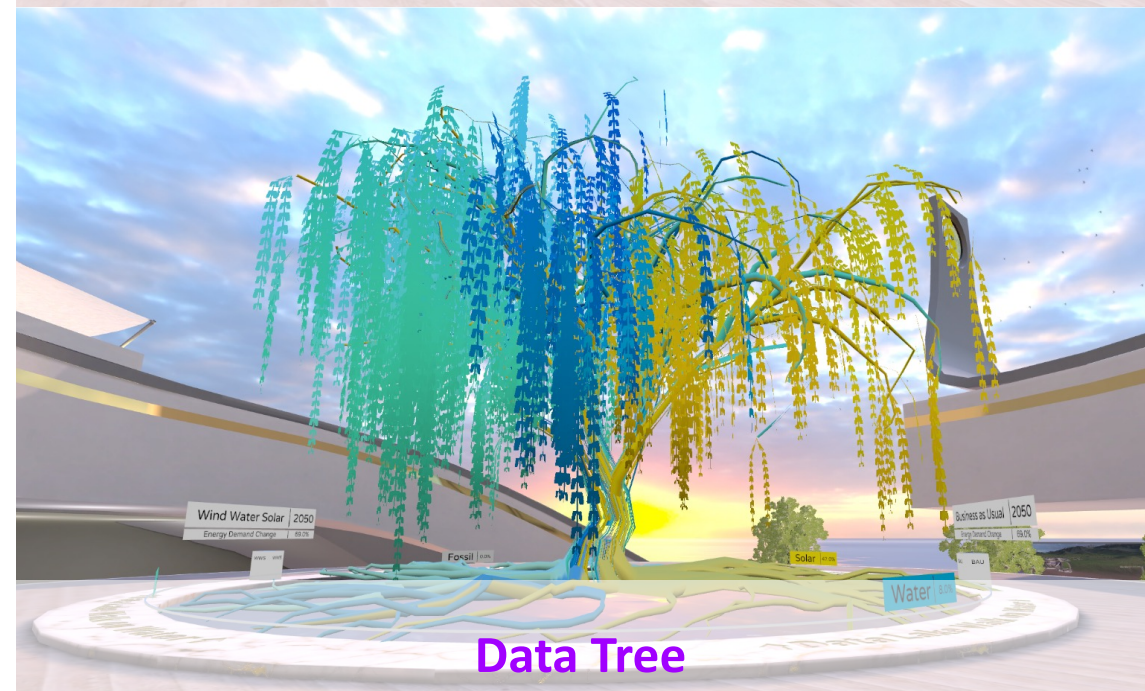
- Accenture created a virtual world that enables users to analyze information from a completely new perspective in VR. Visitors can experience rising sea levels through global warming at the Data Lake. The Data Tree helps visitors to get new insights from Excel sheets by visualizing data in a creative way.

Key Benefits

- ✓ **Data visualizations** enable clients to **get new insights** on business processes
- ✓ **Experiencing data visualization** in virtual worlds will add additional value for the clients in terms of **learning, product presentations & onboarding**
- ✓ Working in such an enhanced environment will give **additional emotional value** to the clients' employees



Data Lake



Data Tree

Campus – Cloud & OneDrive

Immersive learning experience to maximize learning success.

Summary

- Learning in a highly interactive environment that mirrors the physical world and its conditions, giving learners the opportunity to train in different ways. We developed client trainings around the globe to create meaningful connections, fun learning, and high retention rates. Know first-hand what it takes to make this deployment scale and sustainable.

Key Benefits

- ✓ Deployment of MVP for immersive learning in a **3D environment**
- ✓ The Campus includes in the first sprint a **cloud building** that incorporates the OneDrive module.
- ✓ In the **future**, certain elements of client employee trainings will take place within this **scalable 3D environment**.



Video

Leading Energy Provider



VR Energy Field Worker Training

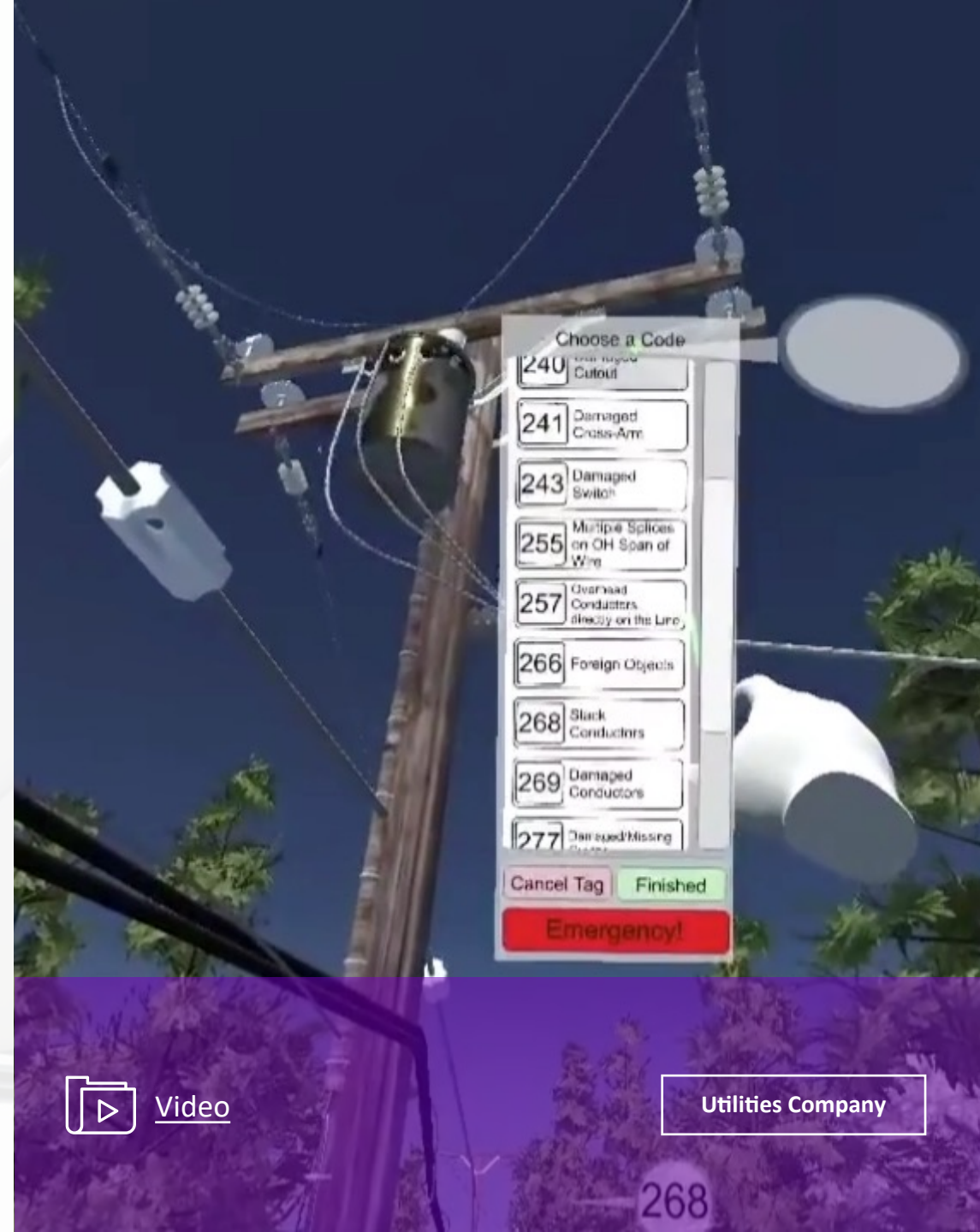
- VR Training at Utilities company enables field workers to diagnose safety issues.

Summary

Damaged utility poles can cause hazards like wildfires and power outages costing over 12 billion USD. Conventional worker training required one or more days on the road along with an expert guide. Accenture created a collaborative learning solution for inspecting power lines in a safe virtual environment.

Key Benefits

- ✓ **Reduction** of training time **from days in the field to 20 minutes** in a safe virtual classroom
- ✓ **20+ randomly combined task conditions** ensure that no training session is the same
- ✓ **Web analytics dashboard** enables instructors to view all sessions simultaneously and give **instant feedback**

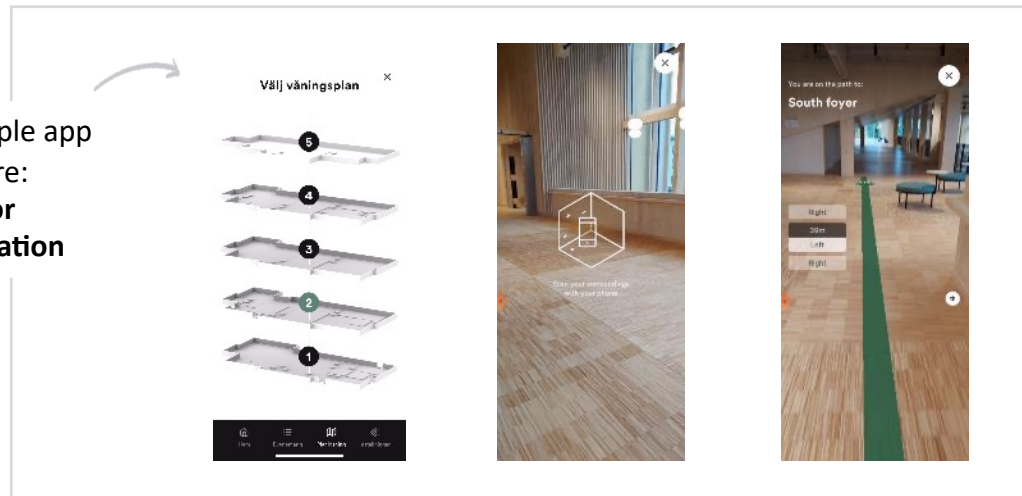


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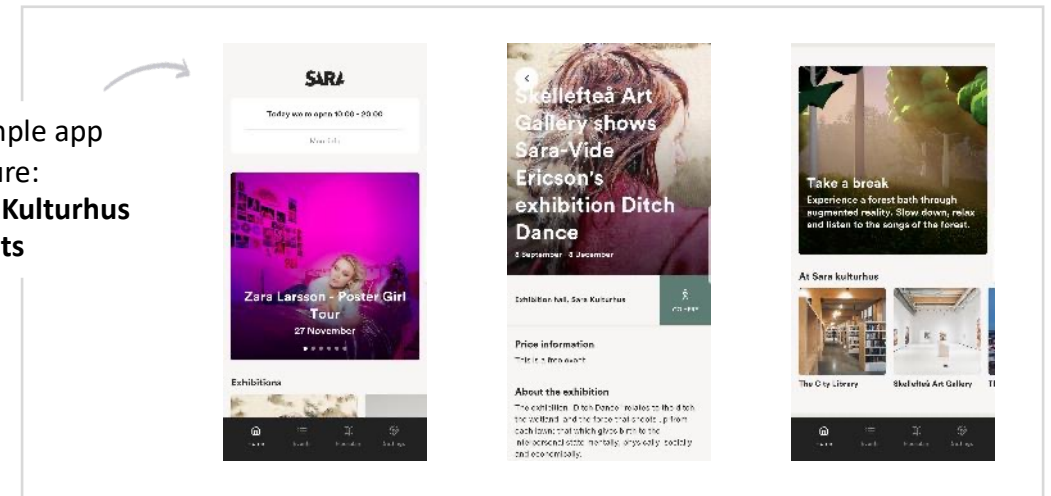
We built an indoor navigation app for Sara Kulturhus, with inclusiveness and accessibility for in mind all users

Indoor Navigation app for Sara Kulturhus

Example app feature:
Indoor navigation



Example app feature:
Sara Kulturhus events



01 WHAT DID WE AIM FOR?

- Our vision was to create an **inclusive and delightful experience** for any visitor of Sara Kulturhus
- By creating a dependable, **personalized companion** that provides relevant contextual information that **supports and anticipates your needs**

02 HOW DID WE GET THERE?

- **Design and research sprint** to develop vision and mission
- **Proof of Concept in 8 weeks** with continuous development sprints and testing
- **MVP - Highly iterative and collaborative process together with the client** to create alignment and ownership
- **Development in collaboration** with people that have **low visual acuity** or are **blind**

03 WHAT WAS THE OUTCOME?

- **MVP of app launched** available in App Store and Google Play
- **AR indoor navigation that works for people with low visual acuity or that are blind, and sounds are in 3D to enable clear sense of direction**
- Unity 3D with Unity Cloud (CI / CD) and AR Foundation, enabling **quicker iterations and publishing to tracking of user movements and alignment of the digital copy**
- Microsoft Azure Spatial Anchors and Dashboards leveraged, enabling **anchoring and mapping out real-world location using feature points and connecting events to KPI dashboard**

Sveriges Dataportal

Because of our approach we have inspired advocates of our solution in Skellefteå municipality. Whom are constantly championing the solution.

Skellefteå Kommun - Inkluderande AR-upplevelse

Att skapa ett kulturhus för alla var utgångspunkten för utvecklingsarbetet och den digitala lösning i form av en app som gör det möjligt att i förväg planera sitt besök och som underlättar navigering i huset.

Inkluderande AR-upplevelse



Tillgänglighet för människor med funktionsvariationer - den digitala lösningen för Sara Kulturhus, film med Carina Norman, Verksamhetsutvecklare (4:40min)

Skellefteå wins 2023 Access City Award for its efforts to become accessible to persons with disabilities

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Today, the Swedish city of **Skellefteå** received the 2023 [Access City Award](#) in recognition of its long-term commitment and innovative approach to enhancing accessibility for persons with disabilities. Accessibility is included in all Skellefteå's plans, ensuring that spaces such as playgrounds and streets are equipped with tactile information signs and ground heating, so as to ensure that accessibility are not an impediment. The city's central park and neighbourhoods have tactile paths and maps, seating and an outdoor

EU Access City award

We played a part in the Skellefteå Municipality contest submission for the EU Access City Award which they won in 2023.