



LucrorAi



AR/VR World

Services Offered

- VR app development (Mobile, PC & browser)
- AR app development (iOS, Android & browser)
- VR based industrial training
- AR/VR based architecture visualization
- Interactive real time product visualization
- Medical visualization
- Explanatory video or infographic video
- IOT based VR/AR solutions
- 3D modelling (game ready)
- PBR texturing
- Rigging
- Animation
- e-Learning
- Gamification
- Re-Topology
- Unity lighting & rendering
- Game development
- New Technology R&D



Focused Domains

- Manufacturing industry
- Operations & maintenance
- Architecture
- Education
- e-Learning
- Educational Institutions
- Medical interactive simulation
- Medical Animation
- IOT
- Automobile
- Entertainment
- Hospitality/Safety training
- BMS & CMMS
- Retail industry
- Video Game development
- Advertisement



Core Strength

- **Interactive visualization**

An interactive/ customizable visualization of any kind of products and their functions can be visualized with latest technologies.

- **VR technologies**

Visualizing a virtual environment from inside virtual environment using some high end devices such as HTC Vive, Oculus Rift, android phone or an iPhone.

- **AR technologies**

Visualizing a virtual object on real world using some high end devices such as Kinect, android phone or an iPhone.

- **E-Learning**

Interactive training application with data tracking, analysis and report generation for various industries.



Core Strength

- **VR/AR industrial training**
 - An immersive, cost and time efficient solution using AR and VR technology to train the employees of manufacturing, O&M sector
- **VR/AR IOT solutions**
 - We make unique and value adding features/solutions for BMS and CMS applications and other IOT application's using AR and VR technology to interactively visualize the data
- **Explanatory videos**
 - An animated walkthrough video of 30 seconds to 3 minutes, to explain a business idea, a product, a service, etc.

We have a dedicated team for

- AR, VR and AI Programming
- Game Design and Development
- 3D modelling & PBR texturing
- Rigging & Animation
- Graphic design



Software Stack

Modelling
&
Animation



Texturing



2D animation
&
Motion Graphics



Technological Strength

VR



Vive

Vive Focus



Oculus Rift

Oculus Go

Oculus Quest

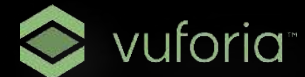
AR



iOS



Android



iOS/Android

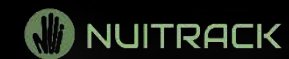
Software
Stack



Hand Tracking



Body Tracking



SDK



Body Tracking

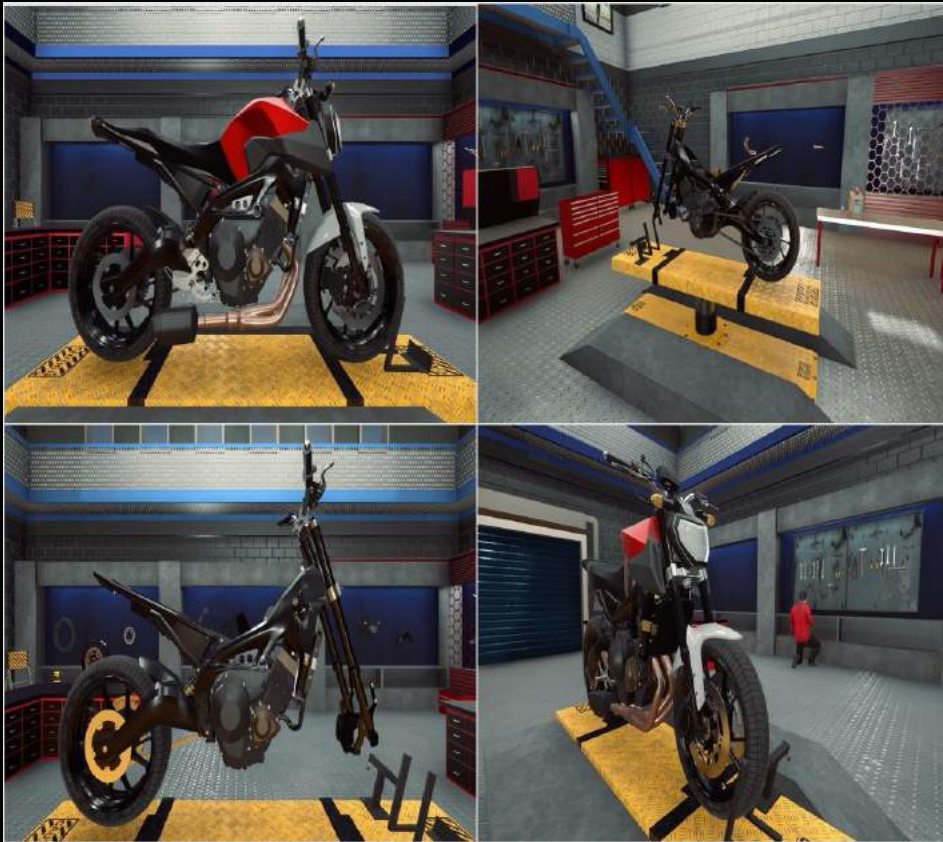


Bike Assembly Simulation

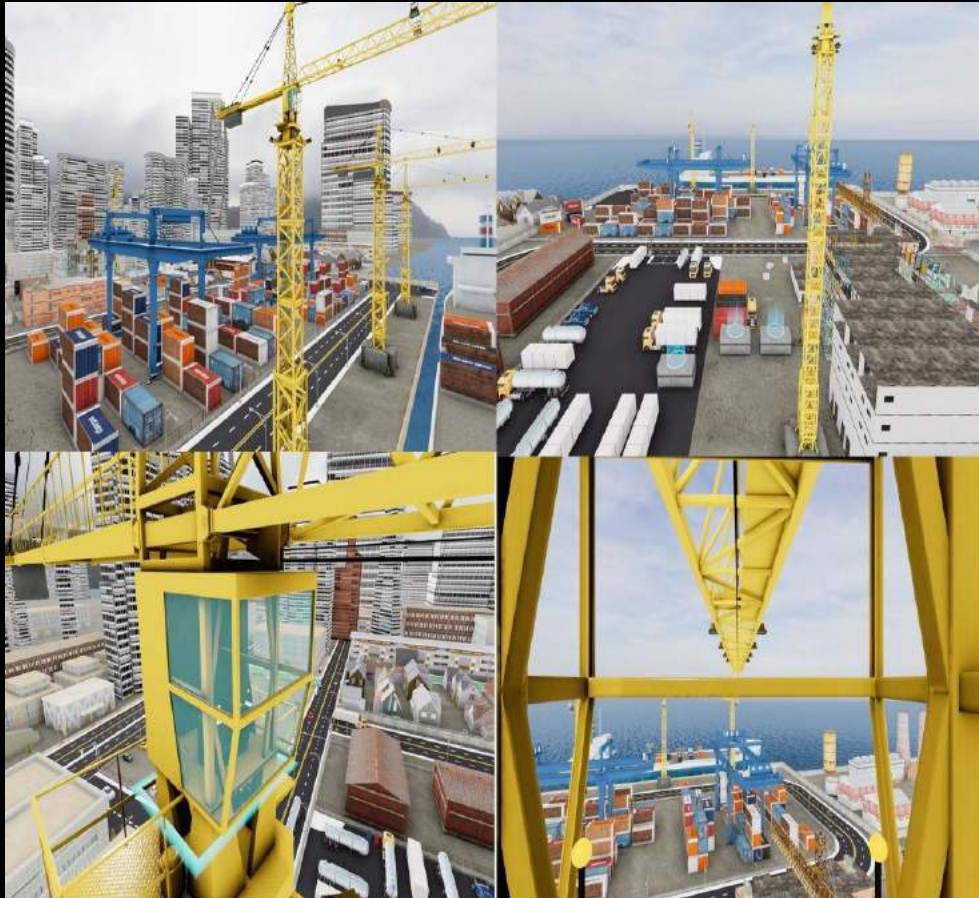
Concept: A VR based bike assembling and disassembling simulation in which the user can assemble and disassemble the bike, do some minimal troubleshooting process, do paint works, lubrication and welding works.

Features

- i. The bike is made into 300+ modular pieces in which each piece is individually accessible
- ii. There will be a AI robot inside the environment which can help the user in the process by showing him details about the parts and showing the blueprints
- iii. AI will monitor the user's performance in real time
- iv. The user can talk to AI via voice commands and text based communications
- v. The supervisor can get the real time analytics data using an external device via internet
- vi. The supervisor can take a report about each employee individually comparing his previous performance in graphical representation



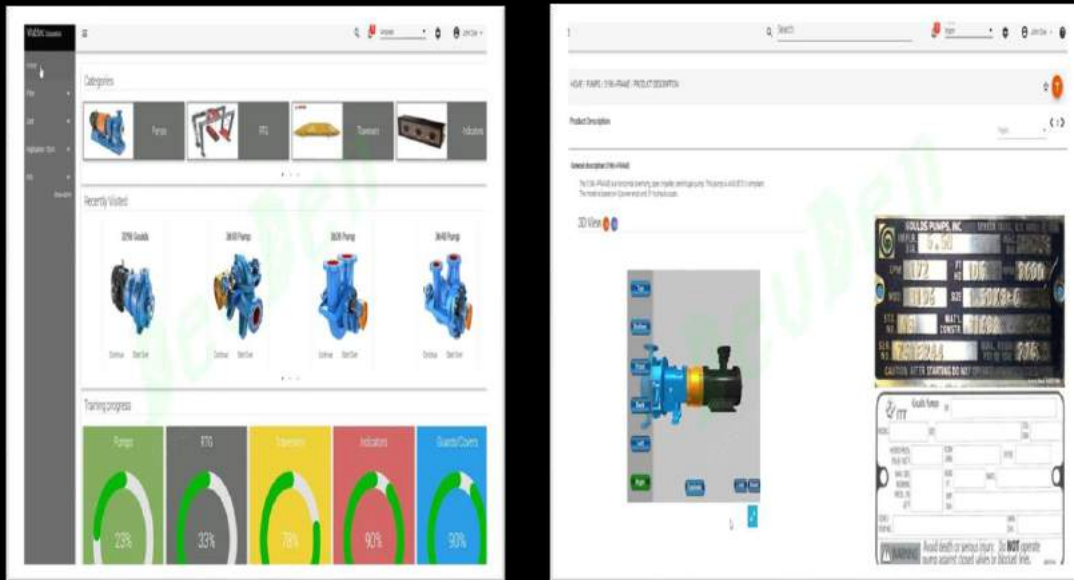
Crane Simulation



- **Concept** : A VR based construction crane simulation which can be used as a
 - training solutions for crane operators
- **Features**
 - i. AI will assign a randomised task to the user
 - ii. AI will monitor the user's performance in real time
 - iii. The user can talk to AI via voice commands and text based communications
 - iv. The supervisor can get the real time analytics data using an external device via internet
 - v. By setting up a sensors in the user's legs, this application can also be
 - used to test if the user is having height phobia.
 - vi. The supervisor can take a report about each employee individually
 - comparing his previous performance in graphical representation



Digital Service and Product Manual

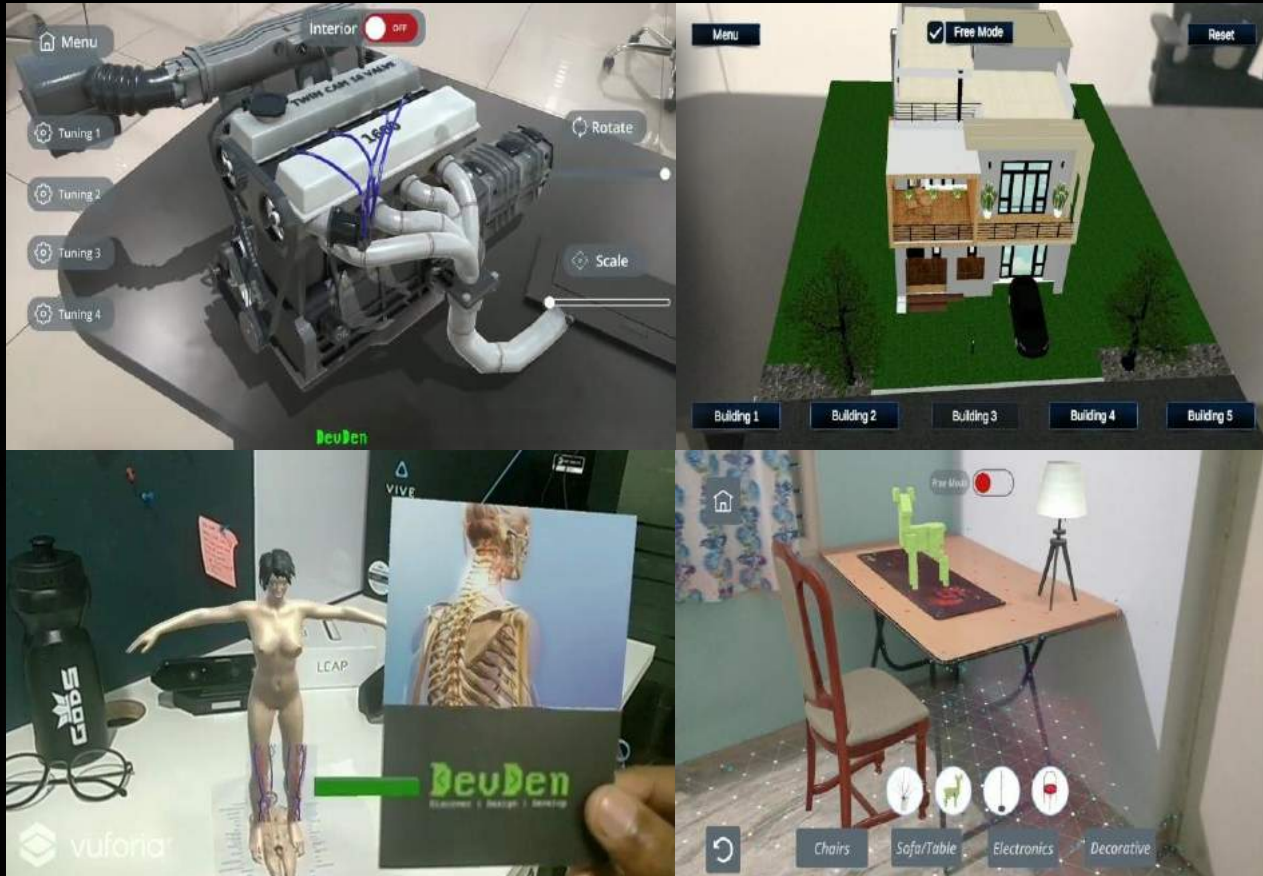


CONCEPT: Service and product manual in digital form provides structured and linked workflows with upto date instructions regardless of the place, so you don't have to deal with multiple versions of same instructions. The implementation of digital product guides will allow to significantly improve your productivity and that of your customers.

FEATURES: **Structured workflow** – Digital work instruction applications can give you a perfect overview of the logical structure of your enterprise/Product procedure in multiple languages. **Always up to date** – The biggest advantage of digital instruction application is that you can update and disseminate all your documents with one click on your desktop. **Instant Notification** – Simply by opening the application your team will know what is expected of them on the workday. Your operator can also get instant feedback or message on values he inputs, on next steps following a certain input. **Enriched instructions with Media and 3D view** – The interactive 3D view with detailed description of the product and steps to followed can give a clear perspective at the time of servicing the tiniest parts inside a product



Augmented Reality Applications



- **Place Furniture** – With the help of place furniture AR application you can choose suitable furniture and decorative for your dream home at your continent time and place.
- **Engine Visualization** – Engine Visualization AR application is a new form of Augmented reality application that offers users to visualize an engine in the real world along with its functions. The user will be able to view the engine in detail from all sides and figure out the features of different tunings.
- **AR Arch Viz** – Its difficult visualizing your home from complex looking engineering plans. AR arch viz app can help you visualize both elevation and interior of your house and any other Architecture before even its ready to occupy
- **AR medical App** – In the era of a computer replacing the books, innovative technologies like augmented reality pave way for the fun, attractive and exciting way of education. One can study human anatomy through this AR application.



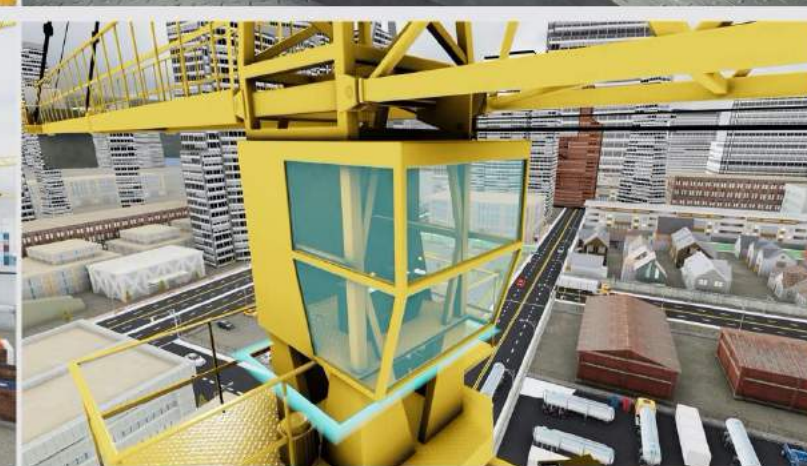
Architecture Visualization



Environment Design



VR Industrial Training



Medical Visualization



VR Museum



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