Introducing the
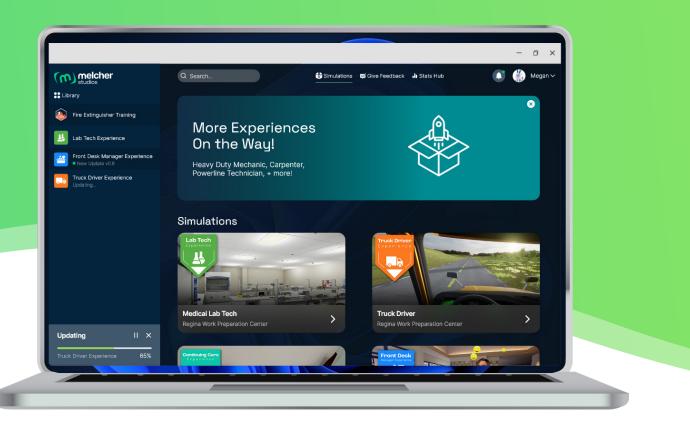# Melcher VR Hub

Offering accessible, customizable, and engaging virtual career exploration across Saskatchewan and Canada, revolutionizing how individuals discover and pursue potential career paths.

Expanding Our Impact: For the past 11 years, we have developed virtual reality solutions that significantly enhance learning and career exploration. As we look to the future, our goal is to foster a community across Saskatchewan dedicated to supporting job seekers in finding suitable careers. To achieve this, we are forming partnerships with community organizations such as the Regina Work Preparation Centre. Together, we aim to establish a network of like-minded organizations focused on the common goal of aiding job seekers in their career pursuits.

Free Subscriptions for Saskatchewan: We are working towards offering free subscriptions, dependent on obtaining funding from ICT for hosting and maintenance. This initiative aims to enhance accessibility of our services and supports our mission of increasing access to virtual career exploration across the province.

Community Involvement and Feedback Integration: Community involvement is crucial to our development process. Through Early Access simulations, we plan to engage users directly to gather valuable feedback. This feedback is then utilized to refine our experiences and address the specific points that organizations wish to tackle. This collaborative approach ensures our solutions remain relevant and highly effective.

Customizable Experience Creation and Analytics: We employ a fully customizable approach to experience creation and analytics, enabling us to tailor each project to the client's specific goals and desired outcomes. Whether it's assessing user skills to provide targeted career recommendations or adapting features to enhance user engagement, our flexible platform ensures that every solution is perfectly aligned with the unique needs that have been identified.

Featured Experiences

1. Front Desk Manager
2. Room Attendant
3. Lab Technician
4. Line Cook
5. Continuing Care Aid
6. Truck Driver
7. Fire Extinguisher Training
8. HockeyVR

Upcoming Experiences

1. Heavy Mechanic
2. Carpenter
3. Power Line Technician
4. General Cleaner
5. Heavy Equipment Operator
6. Fall & Ladder Arrest
7. HVAC Technician
8. Power Engineering

Hardware Package Add-On

We offer a turnkey solution when it comes to delivery. Our goal for delivery is to make the process of set up and shut down as simple as possible. We have developed this package with the guarantee of easy and fast set up.

Item	Details
VR Headset	Meta Quest 3 128 GB
Head Strap with 6000mAh Battery	Recharging Elite Strap
Quest 3 Controller Grips	Straps Grips B34 with Battery Cover
Travel Case	Lykus HC-5120
Gaming Laptop	Acer Predator 300 SE-14" WUXGA
Setup	Testing, Q&A, & Shipping/Delivery

Some items may be adjusted based on availability, but will be equivalent.

Facilitator Tool Add-On

Showcased above, our custom-developed Facilitator Tool simplifies the process of conducting virtual career exploration and training experiences. It equips facilitators with a variety of tools to enhance the overall effectiveness of each session. Here are just a few of the features we can incorporate:

1. Help button that contains actions to help the player if they are stuck.
2. View the current chapter and the ability to jump to other chapters in the experience.
3. Start the experience for the player.
4. View and select the completed and next steps in the current chapter. Click each point for more info on that step.
5. AI tool that can detect if the player is stuck and suggest how to progress.
6. View what buttons are being touched and pressed by the player. Click a button to highlight it to them in VR.

Artificial Intelligence Add-On

We can leverage Artificial Intelligence within our experiences to create immersive environments that adapt to user needs. These features include, but are not limited to:

▷ **User Statistics Tracking:** Integrating artificial intelligence into our VR simulations enables real-time assessment of user actions, enhancing each simulation's ability to evaluate users' skills across various industries.

▷ **Adaptive Instructional Support:** By collaborating with subject matter experts, we can train our AI models to provide feedback on user choices and suggest "next steps". This enables facilitators to assess job seekers' skills, evaluate career suitability, and guide them towards optimal career paths.

▷ **Realistic NPC Interactions:** To accurately simulate the communication demands of specific roles, we can integrate a custom speech response system within our VR modules. This system allows users to speak directly to characters within the experience, responding to their dialogues naturally.