

Team Number:

2017002

Team member:

Cheung Chun Xin Jayson, Ling Yik Ka Ambrose

What is the name of the activity?

VeldeRly Travel(虛擬旅行社)

Who are the service target and how many?

Elderly who is willing to try new technology and disabled elderlies who are not able to get around easily. There should be around 30 elderlies per booth from the Elderly community center.

How do we advertise?

The location of the service(booth) will be held at elderly community center, so basically we advertise the activity through staffs of the elderly community center and instantly during the service.

What is our service about?

The service is about mainly allowing elderlies to experience the modern technologies of the 21 century. Disabled elderly lose the opportunities to travel to different countries to experience their unique cultures. Through virtual reality, we assist elderly to experience different famous tourist attractions through virtual reality tour guiding videos, introducing the astonishing eiffel tower in Paris, the great ancient pyramids in Egypt, or even the unforgettable Great Wall of China in Beijing, the thrilling skiing tracks or fascinating adventures in the North Pole, or even more to be listed.

We sincerely offer 8 different tours:

Places/items
Edge of the space
Beijing(Great Wall & Forbidden City, 故宮)
Africa (Savanna, Egypt)
Antarctica and North Pole (Husky riding)
Sportings(skiing

and diving)
London, UK
Paris, France
Maldives

So in the service, we'll be holding one booth. The booth contains of one long table and few seats, and two of them are for the elderlies to join the VR tour.

There will be a score mechanism, aka "passport visa". The elderlies can have a stamp on the "passport" we gave them at the beginning when they finish a VR tour, and if they have collected all stamps, they can receive a diy Google cardboard. In addition, if the elderly has VR compatible phone, we will demonstrate how to search vr videos in youtube and watch in VR mode. The elderlies can generate interest on the VR tours through various objectives.

How much budget will we spend?

Item	Price	Quantities
VR Goggles (VR Box)	~HKD \$20-	2
Phone	Free(provided by our team)	2
Booth material	Within HKD \$200	1
Google Cardboard	~HKD \$9	30
Power bank	Sponsored	2
	Total	~HKD \$520

What is the expected results of the elderly in the service?

As Virtual Reality is a new technology, Curiosity beyond elderly is strong towards VR. We certainly hope they will enjoy the VR experience. Each participant will receive one "passport" to record where did they go. Each finished tour will have a stamp on the passport. If the elderlies finishes all tours, they will receive 7 stamps and will receive a cardboard as a souvenir. Some elderlies equipped with compatible phones will be taught how to use youtube to watch VR videos. The elderlies can "go" to different tourist attractions and will feel excited as they finishes their dream at young,

and at his or her young age was poor and not able to travel or they have certain disabilities which stopped them from having the opportunity to travel all over the world. We expect that the video of the polar region will be the most famous. Also, as the VR videos are not taylormade, we had to manually edit and add narrator voice into the video.

How do we assess the service and what are the tool used?

Our team consider the ways of using a survey referring the service we provided to the elderly which to know more about their feelings of experiencing of the VR experience of travelling to countries, enjoying exciting sports., and also any problems during the VR tour. We hope to gather more information of the elderly's towards VR and hopefully to satisfy their expectations of the elderly.

Reference note:

*Videos:*

Beijing

Great Wall--<https://youtu.be/sWxSCf1Y0Xo>

Forbidden City--<https://youtu.be/sfobdagQpCE>

Edge of the Space

Edge of the Space--<https://youtu.be/pCve1w1GFOs>

UK

London--<https://youtu.be/m9ECIKA1VeQ>

France

Paris--[https://youtu.be/Tph\\_ntlJQxk](https://youtu.be/Tph_ntlJQxk)

Africa

Savana--<https://youtu.be/Pf1eDt0NWa4>

Egypt--<https://youtu.be/dyBkgncVc6g>

Maldives

Maldives--<https://youtu.be/MgJITGvVfR0>

Polar region

Antarctica--<https://youtu.be/XPhmpfiWEEw>

North Pole(Svalbard)--[https://youtu.be/suQiM9k7r\\_g](https://youtu.be/suQiM9k7r_g)

Sports

Skiing--[https://youtu.be/k3nmi8b\\_AyA](https://youtu.be/k3nmi8b_AyA)

Diving in Great Barrier Reef--<https://youtu.be/-Yv7hJCpMPU>

Skydiving--<https://youtu.be/lj1E-Gc5RyQ>

*Articles:*

How Virtual Reality Can Assist the Elderly - VRScout

<https://www.google.co.jp/amp/s/vrscout.com/news/virtual-reality-can-assist-elderly/amp/q>

For Senior Citizens, the Future of VR Lies in the Past | WIRED

<https://www.google.co.jp/amp/s/www.wired.com/2017/04/vr-for-seniors/amp>

Virtual-reality system for the elderly wins health care prize | MIT News

<http://news.mit.edu/2017/virtual-reality-elderly-sloan-health-care-innovations-prize-0224>