Final Evaluation

Group Number: 10-02
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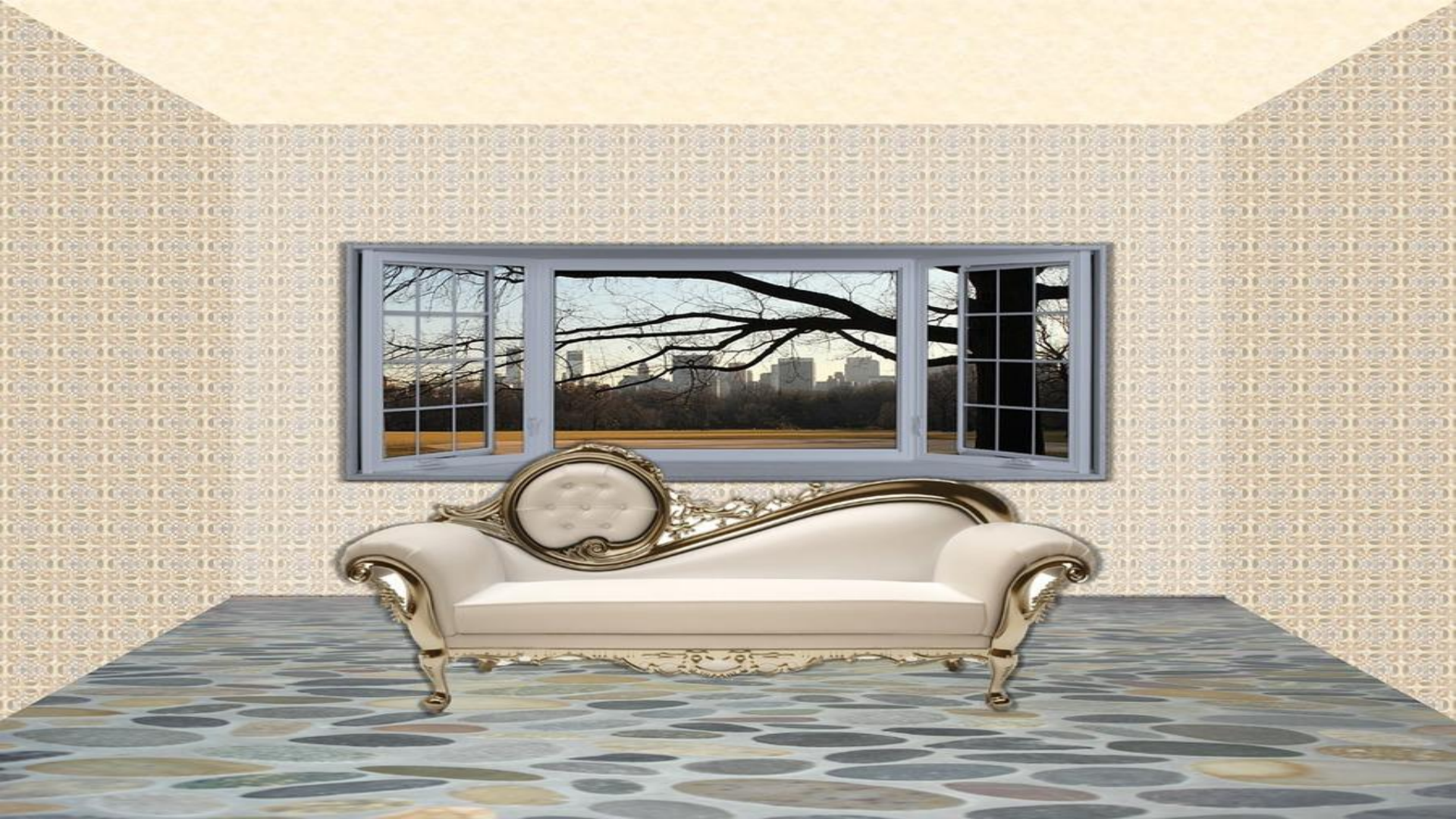
All from class: 1P3

Fundamental Problem

Given the inference we have made, the elderly are too inactive (socially and physically) “as they are cooped up at home all day (condition phrase)”. In what ways might we improve (KVP) their general well-being so that they will not succumb to physical and mental illnesses (purpose) in 2030 and beyond (future scene parameters)?



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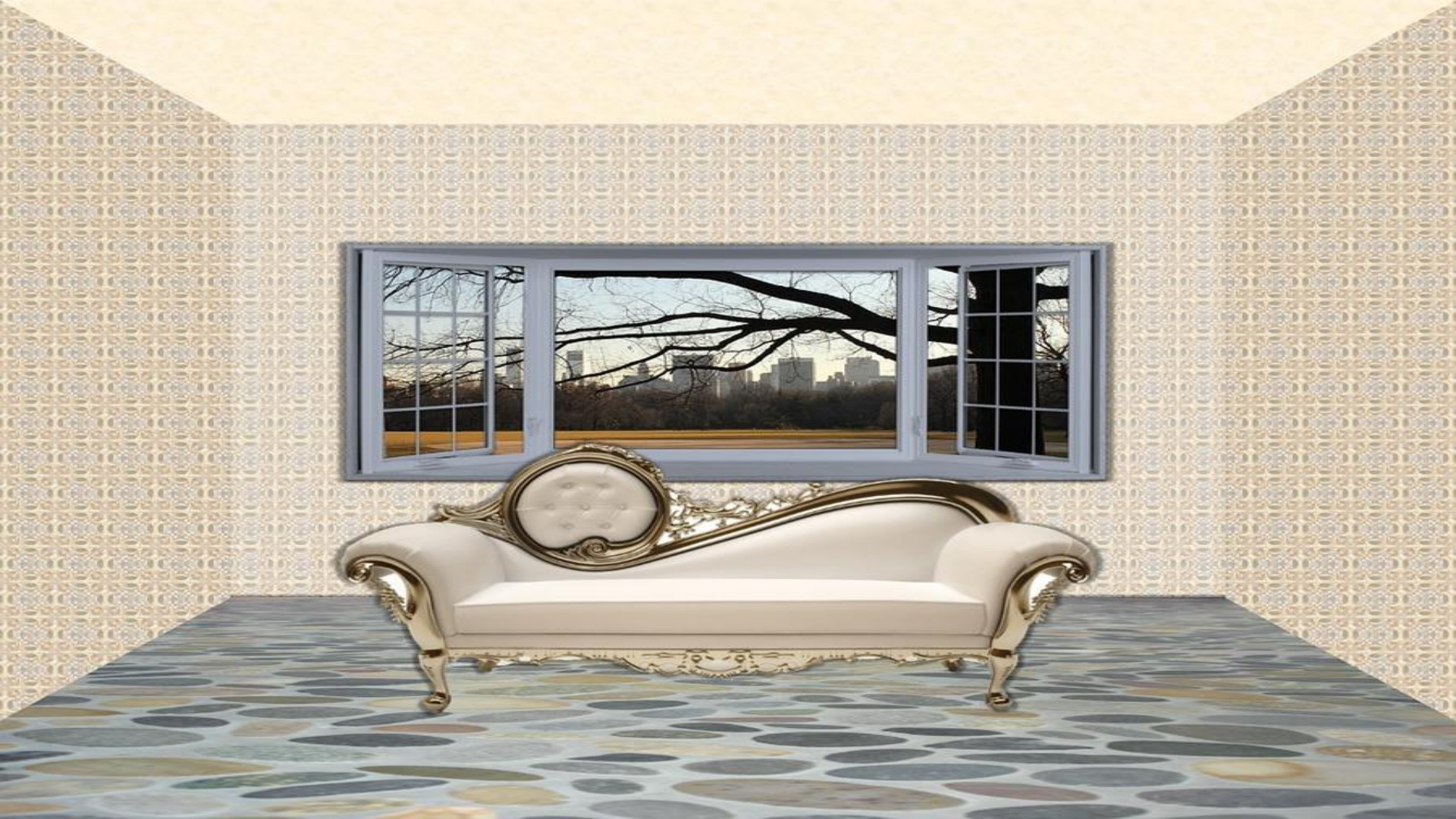

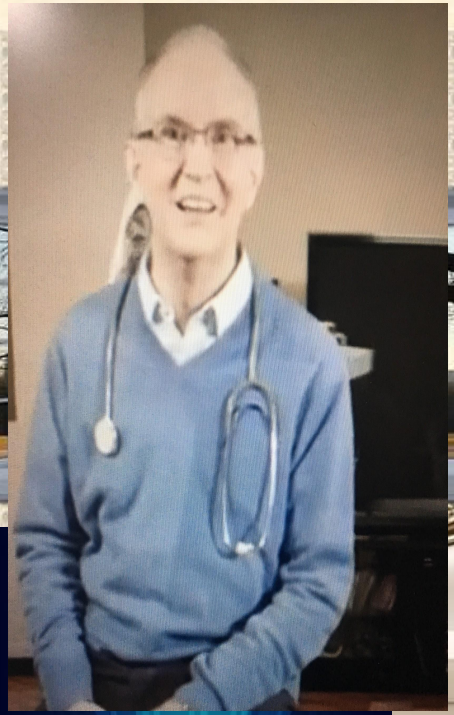

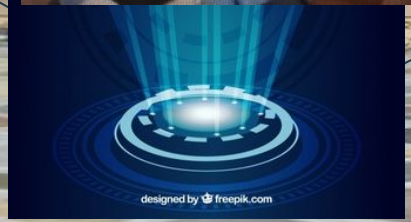
designed by freepik.com

How our action plan is feasible

Firstly, this action plan is feasible as it can effectively assist the elderly in need of medical attention in their own homes and "freeing hospital beds for critically unwell patients." So patients that actually need more help can get the treatment that they need . Secondly, this action plan is made possible with evidence from modern days technology. Siri, an electronic character made by Apple, is able to communicate effectively with human and provide information. Similarly, holographic doctors could be voices equipped with medical knowledge. With biometric sensors around, machines can effortlessly receive data about a person's physical well-being. Lastly, due to the effectiveness, this increases the number of investors as it can be sold to other countries after being well-reviewed and make profit for the investors for sponsorship.

From Siri - Wikipedia, Siri can "perform actions by delegating requests". This shows that AI is capable of serving humans too.
https://en.wikipedia.org/wiki/Siri

Holographic doctors part of Silver Chain's vision for the future of healthcare Retrieved on 10 August 2018 from
https://www.communitynews.com.au/eastern-reporter/videos/holographic-doctors-part-silver-chains-vision-future-healthcare/

Continued

Hologram doctors are already existing and they indeed provide convenience for the patients as “ saving the health care system time and money” . However VR headsets tend to cause eye strain and fatigue “ because we tend blink less when using a digital screen device than we normally do.” So our holograms will be from a disk and not as bright so as to not strain the elderly’s eyes too much.

From “World-first holographic doctor launched in Perth” retrieved on 10 august 2018, from https://thewest.com.au/news/wa/world-first-holographic-doctor-launched-in-perth-ng-b88615356z ,

Retrieved from Are Virtual Reality Headsets Safe for Eyes? On 10 August 2018, from

https://www.aao.org/eye-health/tips-prevention/are-virtual-reality-headsets-safe-eyes

From Our Proposal Evaluation

We learnt that the elderly took part in activities in the community centre so as to not be lonely. Well, chatting with our holographic doctors can help them cope with their loneliness too.

Interviewee: Chiang Mok Eng, Age: 63 of Punggol RC

How is our solution futuristic?

Our solution makes use of the technology that will soon be invented in the future,which is a hologram doctor which does not require VR headset to use so it will not hurt the elderly’s eyes if they stare at the hologram for too long. It is also a trend as more clinics are trying to use the holographic as shown is the sources in the next slide. Besides clinics, games are also starting to use Virtual Reality.

Research to proof that action plan is futuristic

Holographic doctors could be the future of healthcare, retrived from 3 october
http://digitalhealthage.com/holographic-doctors-could-be-the-future-of-healthcare/

Hologram House Calls And The Virtual Future Of Health Care

https://www.fastcompany.com/3052226/hologram-house-calls-and-the-virtual-health-care-of-the-future

Medical Holograms Are Now Part of the Surgeon's Toolkit

https://www.smithsonianmag.com/science-nature/medical-holograms-are-now-part-surgeons-toolkit-180954791/

This 3 sources shows that doctors may soon be giving patients healthcare advice in holographic form

Assistors

Our assistors will be the investors who will be funding the materials needed for this campaign and the employees who specialises in technologies are required to ensure the I-Health to run smoothly. Volunteers from healthcare organisations will become volunteers who will give out the flyers to the elderly and advertise this campaign, spreading the news. Lastly, clinics are where the elderly obtain their medication after getting advices from the holographic doctors. Newspaper and news programmes would be used to advertise this product to the elderly.

Evidences

‘We have to be positioned for change’: GIC bets on deeper investments in tech
https://www.channelnewsasia.com/news/business/gic-invest-technology-we-have-to-be-positioned-for-change-10067686 (This source shows that investment companies have an interest for technological oriented companies.)

Where the jobs are: Health and tech are in high demand
https://www.cnbc.com/2015/10/13/where-the-jobs-are-health-and-tech-are-in-high-demand.html (This source explains that many people deem tech companies as a good way to start their career.)

Singapore’s Healthcare Outcomes Are Among The Best In The World. Why Is The Government Still Planning To Spend More?

https://dollarsandsense.sg/singapore-healthcare-outcomes-best-why-government-still-planning-to-spend-more/ (This source shows that our country are being able to deliver efficient outcomes through the contributions of both the public and private healthcare sectors.)

Resistors

The elderly might be foreign to this technology and feel uncomfortable to talk to a person that is not physically in front of them and because of this they might feel insecure and avoid using this product. If this happens, we will not be able to help the elderly be in the pink of health as they do not trust this technologies that will help them.

sources

Older Adults Perceptions of Technology and Barriers to Interacting with Tablet Computers: A Focus Group Study retrieved on 2017 oct 4https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5649151/

Feeling lost in a digital world, some elderly shun technology retrieved on 12 august
https://www.todayonline.com/singapore/big-read-feeling-lost-digital-world-some-elderly-shun-technology

New technology, tablets still a struggle for older generations retrieved on april 29,2015
https://www.sciencedaily.com/releases/2015/04/150429100917.htm

Implementation schedule

In 2045, it will be tabled for parliamentary discussion. If it is approved by the government, we will seek investment companies who are interested in healthcare oriented technology. After receiving funds, we would recruit members that have experience in technology and programming who will put in ideas to create the I-Health and to spread the campaign, healthcare organisations will give out flyers and inform the elderly taking part in their programmes. Clinics supporting this campaign will therefore supply medication to the patients.

Are there any questions?

thank
you!