

**Present:** Dylan Rowsell, Harley McLachlan, Anika Sheikh, Riku Makita, Adham Sorour

**Absent:** Raman Kaur

**Purpose of Meeting:** Pitch new ideas to craig and get his feedback on them

**Minutes:**

Meeting started at 6:26 PM by Dylan explaining to craig on why we dropped the Dynamic Real Estate idea

#### **A. Smart Window**

- Dylan explains the smart window idea to craig (details on Issue#22)
  - o Discussion:
    - Craig mentions it is like special lamps and light frequency
    - Dylan mentions one way to implement
      - Color temperature and light sensitive sensor placed outside the window so weather match
      - User has a choice whether they want current weather or different weather
- Craig – What about a flat screen tv where you manually put a video of the weather?
  - o Discussion:
    - Dylan: Not the same lighting as our product would have
      - Our product would create more realistic feel of the lighting
      - Would have frosted glass
    - Anika: the light frequency would be different that comes from a tv vs. a smart window
      - Craig: If its visible light a tv should cover all light scenarios but not if its infrared light
      - Adham: It is not about the type of light but the send of realism that a tv would not have
    - Craig mentions a tv can be realistic now a days
      - Dylan mentions inverse square law - If the tv light does not go through filter it falls of quickly where if you put it through some lenses, it can travel farther
    - Anika mentions that price also plays a role in it
      - Smart window would cost less than a tv if the purpose is a fake window
      - Craig mentions it is possible to get a tv with discount since the industry is growing quickly
    - Adham: the light source would be distributed uniformly in a tv where smart window would have feature where the light sources move to create a sunset/sunrise effect
- Craig says he does not fully understand the idea
- Dylan shows a DIY project to craig that is similar to our idea
  - o Dylan mentions this is not the light you would be getting from a tv
  - o The guy in diy video used a satellite dish where he attached bunch of mirrors to
  - o Craig: Where is his light source?
    - Dylan: Behind the wall where there is another room

- This is not a product but more a diy project for himself
- Craig: would we follow the same scheme/structure?
  - Dylan: we would make it smarter (mimic current weather)
  - Ours would be product that anyone can install to just a wall
- Craig: Do you think there is a market for it?
  - Yes, we found one supplier for it but they are more custom, so it is difficult to get
    - They also are not doing natural light
  - Samsung has a concept to mimic current weather but no product
  - Possible target market: people in condos/basement/prison cells
- Craig is not against it but thinks we should be clear on what we are going to achieve
- Craig: Do you have idea on how you are going to implement?
  - We are still looking but we have several methods that we might have to experiment with for right lenses and to see if they are cost effective
- Harley mentions another way to get data (weather data for current location)
- Craig thinks this product would be good for people who live in one country and work in another country with different time zone so they can mimic the weather their work is in
- Adham says if the product takes too much space, we can put it in a corner or possibly have it as an attic

#### **B. Reminder Idea**

- Harley pitches it to Craig (details can be found in issue#)
- Have not thought through the implementation
- It can not be an app because what if you forget your phone
- Craig: Don't you bring your phone everywhere with you?
  - Targeted towards elderly people and people with ADHD
- Craig thinks there is something there
- Craig thinks we can expand it
  - What if you have to remember to bring different things on different days
    - Ex. Item to return to store
- Harley: can use AI to check the calendar to see which items to have a reminder for
- Craig likes the general idea but thinks there can be maybe more to the idea for covering a larger group of people

#### **C. Joystick**

- Harley pitches it to Craig (details can be found in issue#)
- A wheelchair with a joystick to move around but with a button the joystick's functionality changes to navigating the iPad screen
- Harley mentions getting a wheelchair might be expensive
- Craig says Professor Andrew Rawicz (ENSC440) might be able to find us a wheelchair

#### **D. Meeting End Notes**

- Intrigued with the Reminder idea
- Does not understand the light window system completely
- Sidenote: Journals are for sketches mainly, but writing can be of any length and any format (lists etc.)

#### **E. Things to do before next meeting**

- Harley, Adham: Research on possible implementation of Reminder idea
- Anika, Raman: Research on possible implementation of Smart Window idea
- Dylan, Riku: Research on possible implementation of Joystick idea

**F. Next meeting**

- Thursday, 2022-06-02 – 9AM-10AM

Meeting adjourned at 7:11 PM by Anika