

Tree Diagram of Ideas



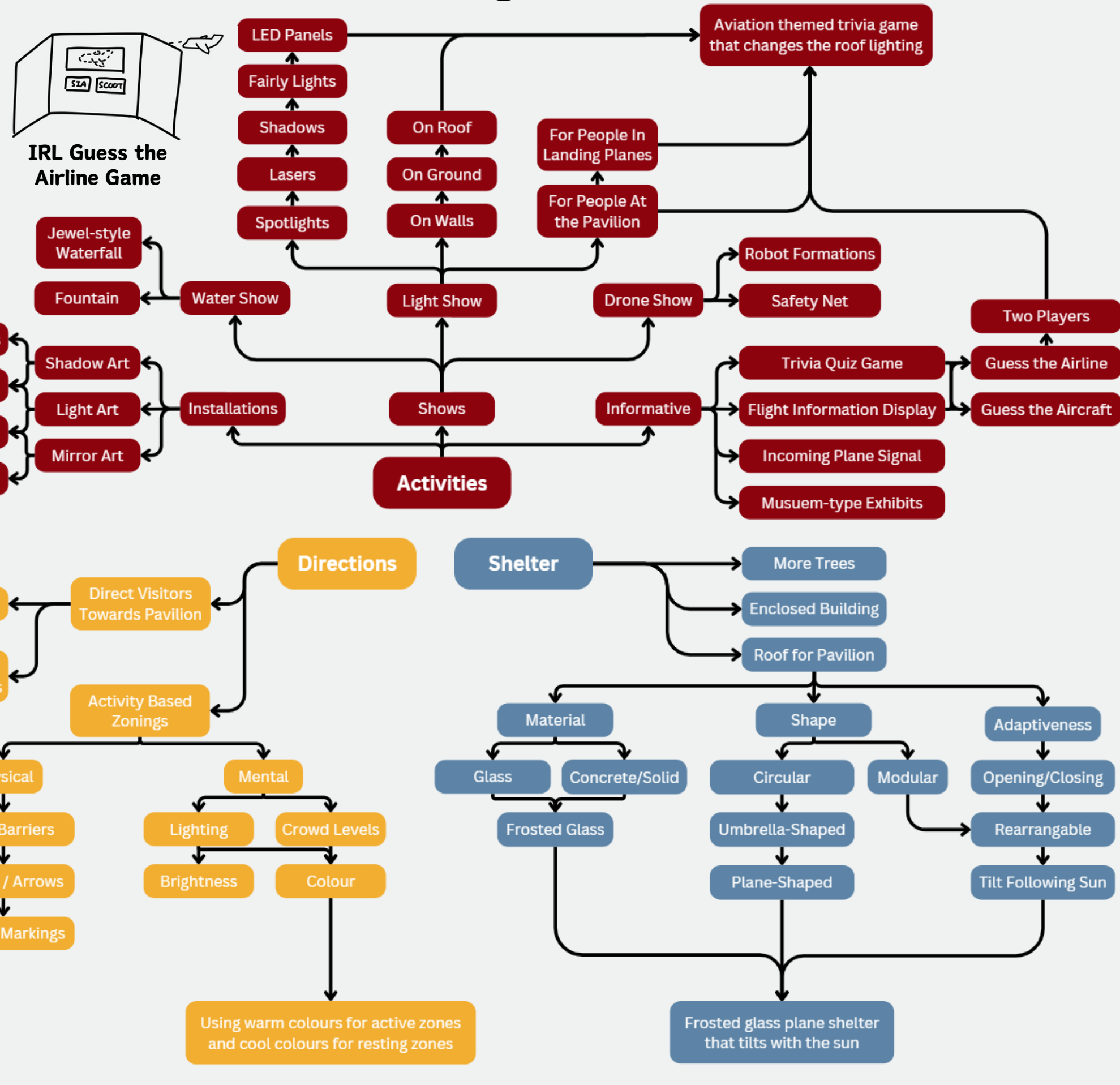
Problem Statement

Despite a relatively low presence of people during the day, the pavilion in the centre of the plane spotting site in Changi Business Park (CBP) is mostly left abandoned.

Due to the presence of a large tree blocking the view from the pavilion, plane spotters often opt to take photographs from the nearby field, where they can capture the full descent path of the aircraft.

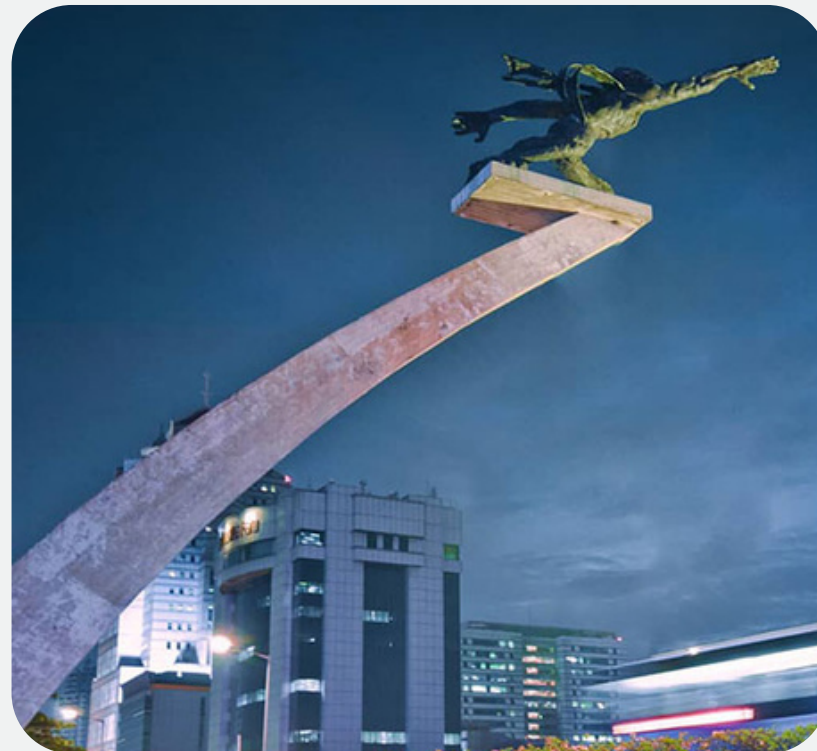
Meanwhile, the pavilion is not interesting enough to attract resting drivers and joggers.

Due to these, our problem statement will be “**how can we incentivise all the users, from plane spotters to those resting at site, to come and use the pavilion both day and night.**”



Mood Board

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Family 家



RESILIENT



Welcoming

AeroPark

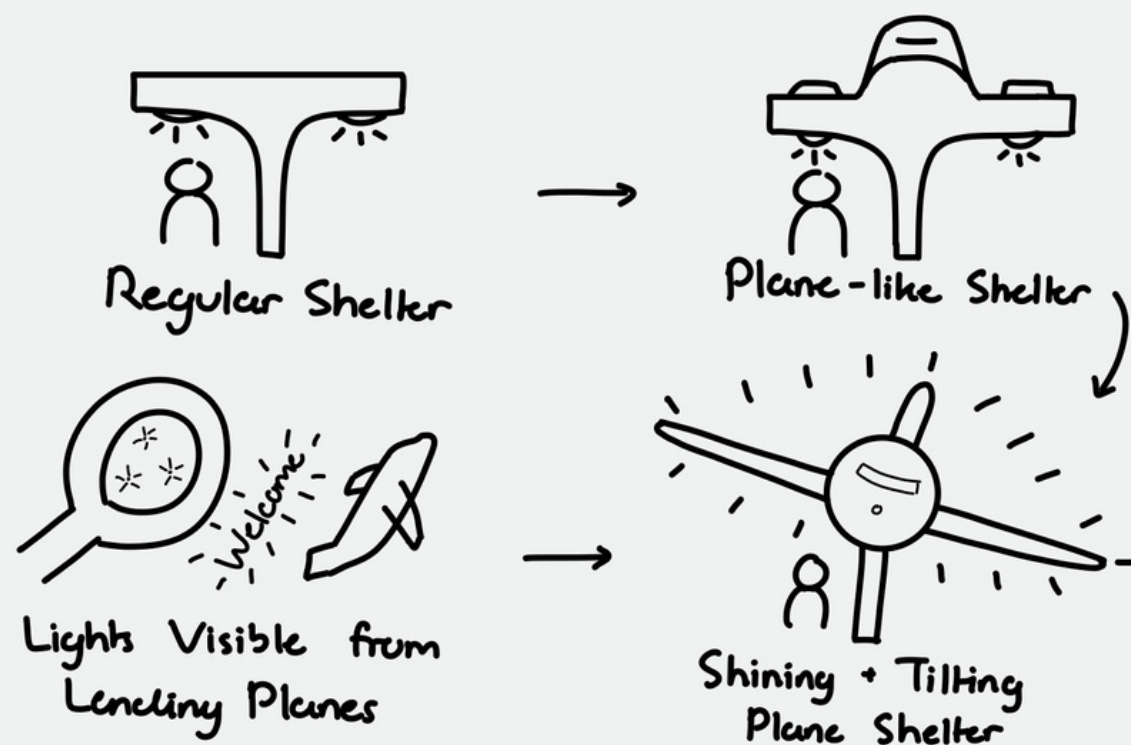
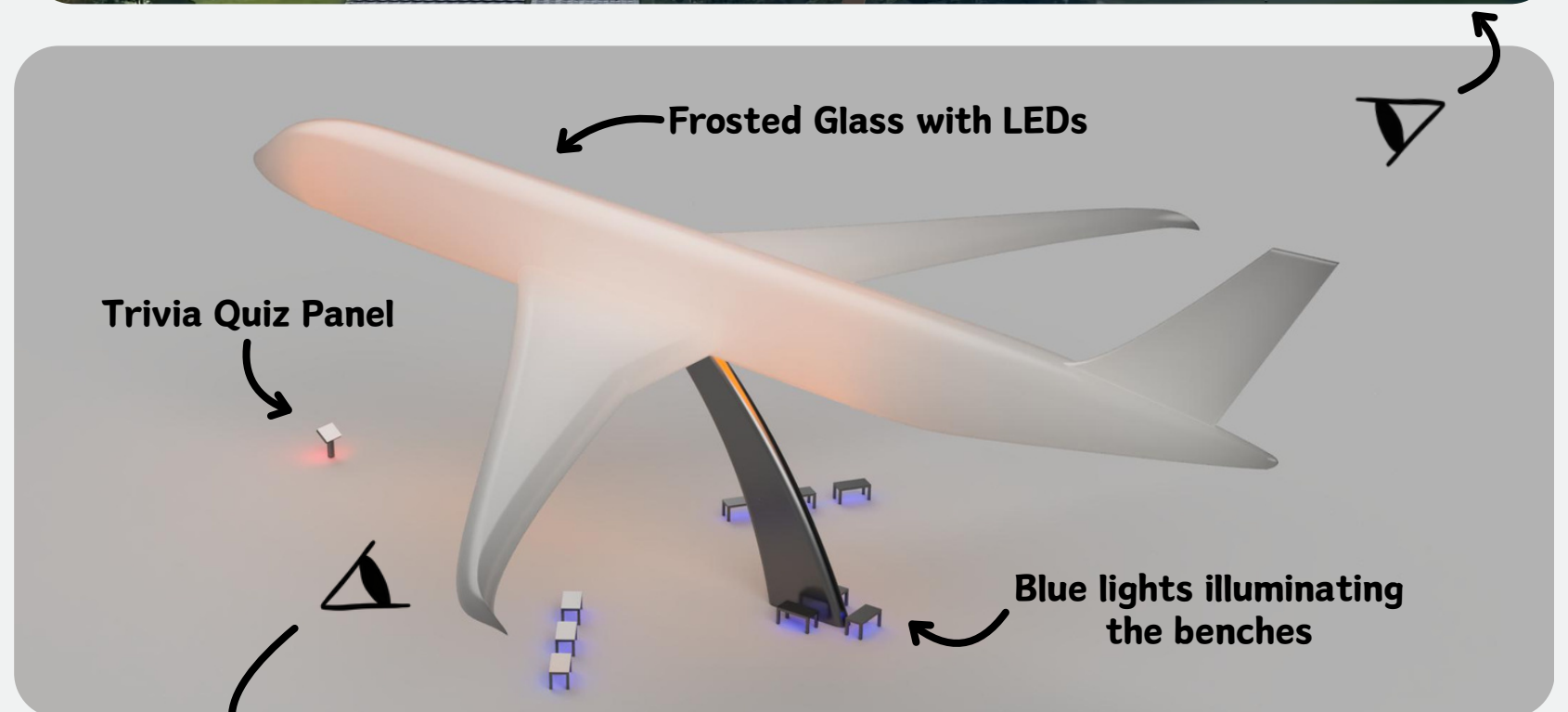
An aviation themed attraction for all not just from the ground, but also from the sky.

AeroPark aims to promote social interactions through three different aspects: providing shelter, activities and directions towards specific zones within the installation.

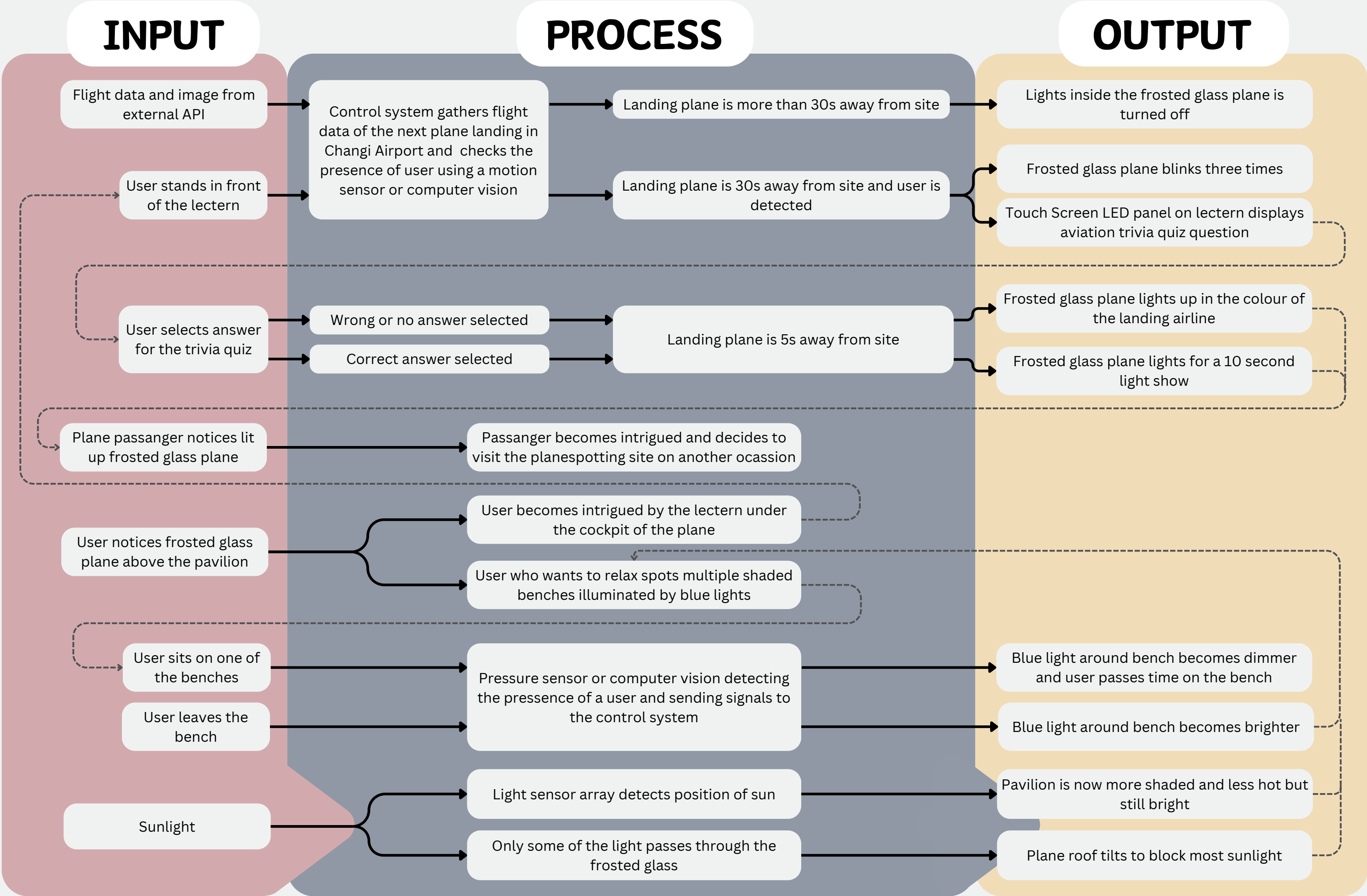
Evolving from a regular shelter, the centre piece of AeroPark is a frosted glass plane, with its wings and body providing shade to the benches underneath it. Like a plane soaring through the sky, the model plane will be able to tilt with the sun to provide maximum shade.

Additionally, the frosted glass plane will be fitted with LEDs, lighting it up and making it distinct when viewed from below and above. A trivia quiz panel is also added to the park where the answer selected determines the colours of the LED, providing a medium for interaction between visitors and landing planes.

Lastly, a subtle zoning system will be implemented making use of colour psychology, where active areas will have a warmer colour ambience, while resting areas will have colder ones.



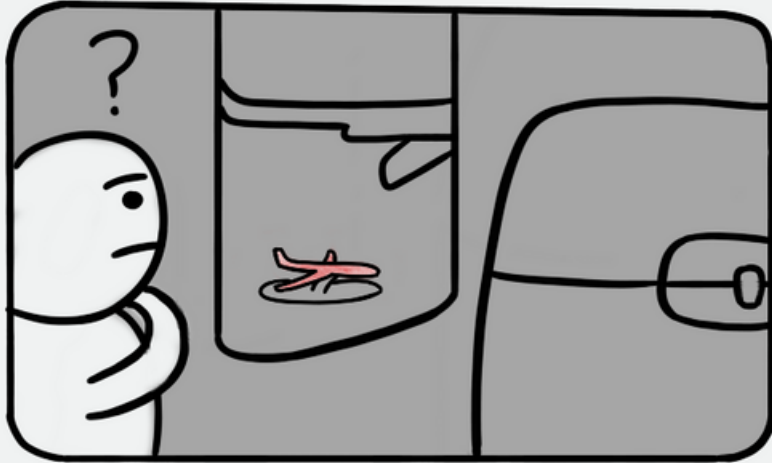
Functional Diagram



Storyboard

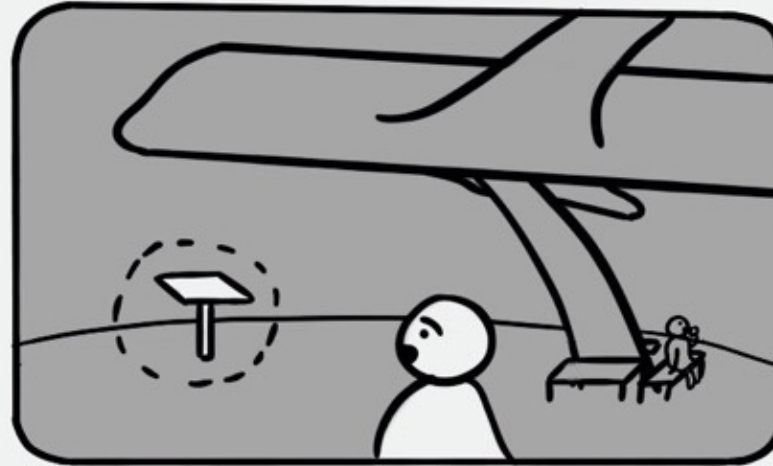
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1



Joe was landing at Changi Airport when he notices something out the window

2



After searching about it online, he decides to go visit the next day

3



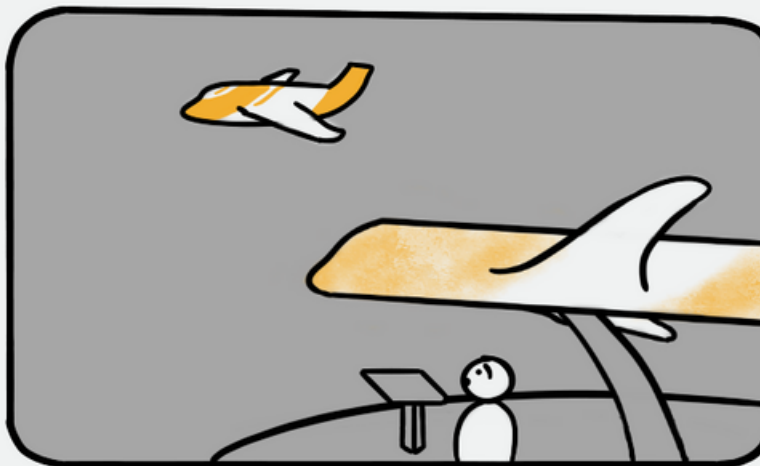
He approaches the lectern near the front which turns out to be an LED Panel for a trivia game

4



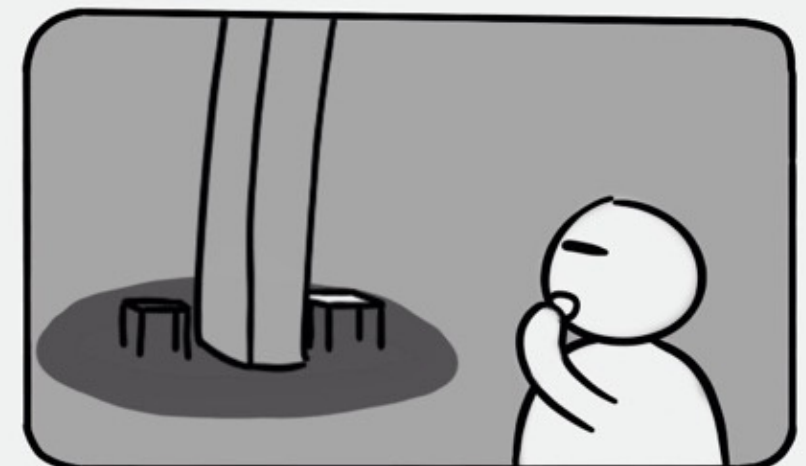
Joe decides to give it a go as he hears a plane approaching in the background

5



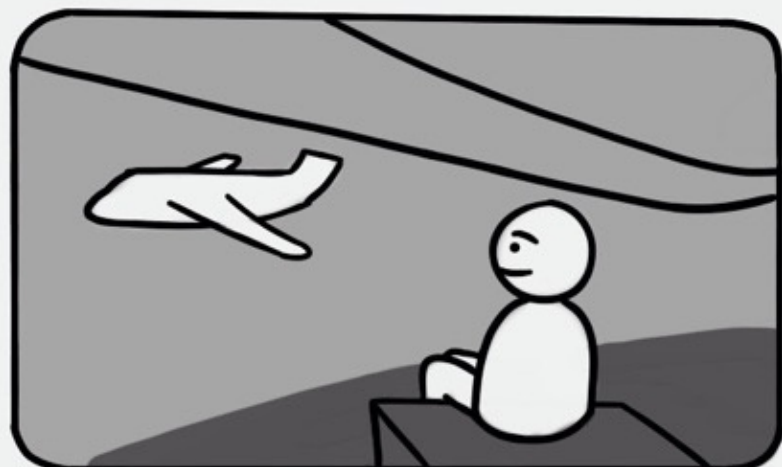
Because he answered wrong, the frosted glass plane shines with the same colours as the incoming plane

6



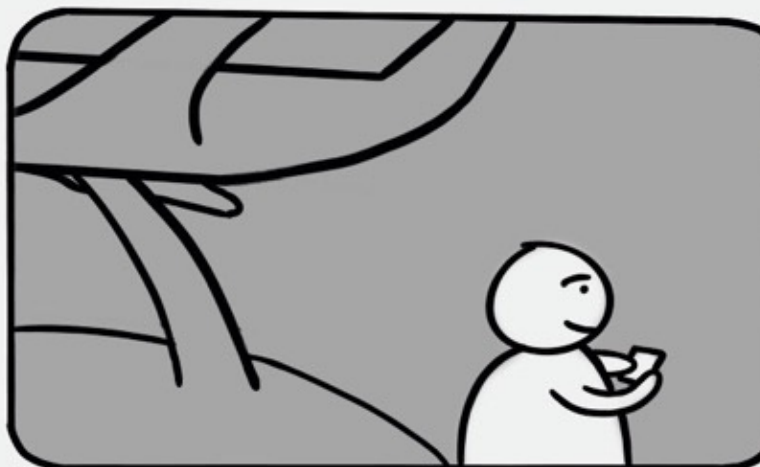
After a while he feels tired and looks for a place to sit

7



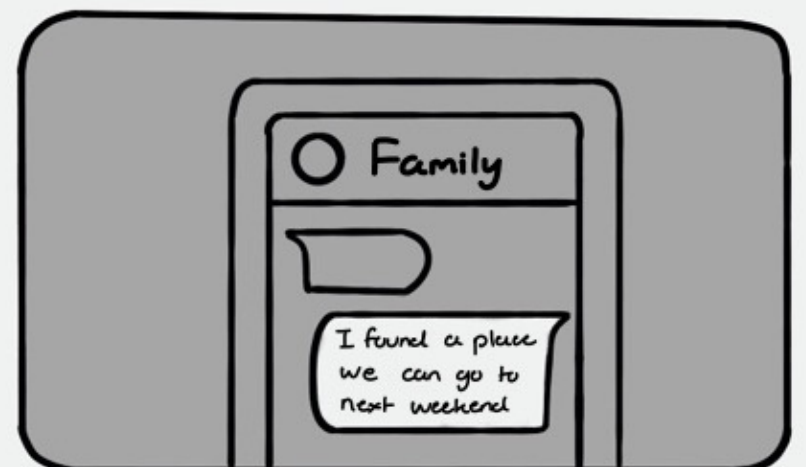
He spends some time on a shaded bench while watching planes land

8



Feeling refreshed, Joe eventually decides to leave

9



But not before informing his family about his new discovery