Bell Ringer

As you come in and get settled, follow these instructions:

1. Find your seat
2. Take out and set-up your laptop
3. Go to www.joinpd.com and key

Students browse: www.joinpd.com

Pear Deck Interactive Slide
Do not remove this bar

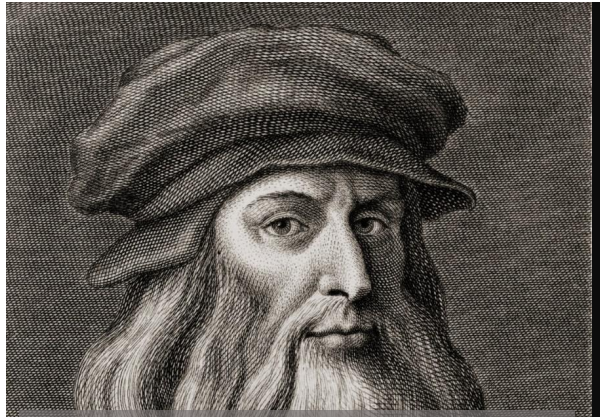
daVinci@SUTD (STEAMxD)

Human-Centric Design + Technology Interdisciplinary Immersion

SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN

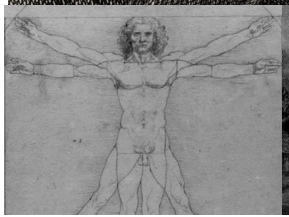
STEAMxD™

A BETTER WORLD BY DESIGN.



Takes inspiration from **Leonardo da Vinci**, a man who was

- ahead of his time, with highly imaginative and innovative ideas arising from the deep blending of science and arts; and
- an artist, architect, engineer and scientist – combined



daVinci@SUTD

Unique integration of HASS, Design and STEM

Inspiring youths in **human-centred designs and innovations** that are grounded in **Science, Technology, Engineering and Mathematics**, fused with the understanding of **Humanities, Arts and Social Sciences** to serve greater societal needs.

daVinci@SUTD STEAMxD Immersion Programme

Day 3 (PM) – Artificial Intelligence Session

Ibrahim Thahir[1] and Melvin Lee[1]

[1] Engineering Product Development (EPD)

Workshop Scenario

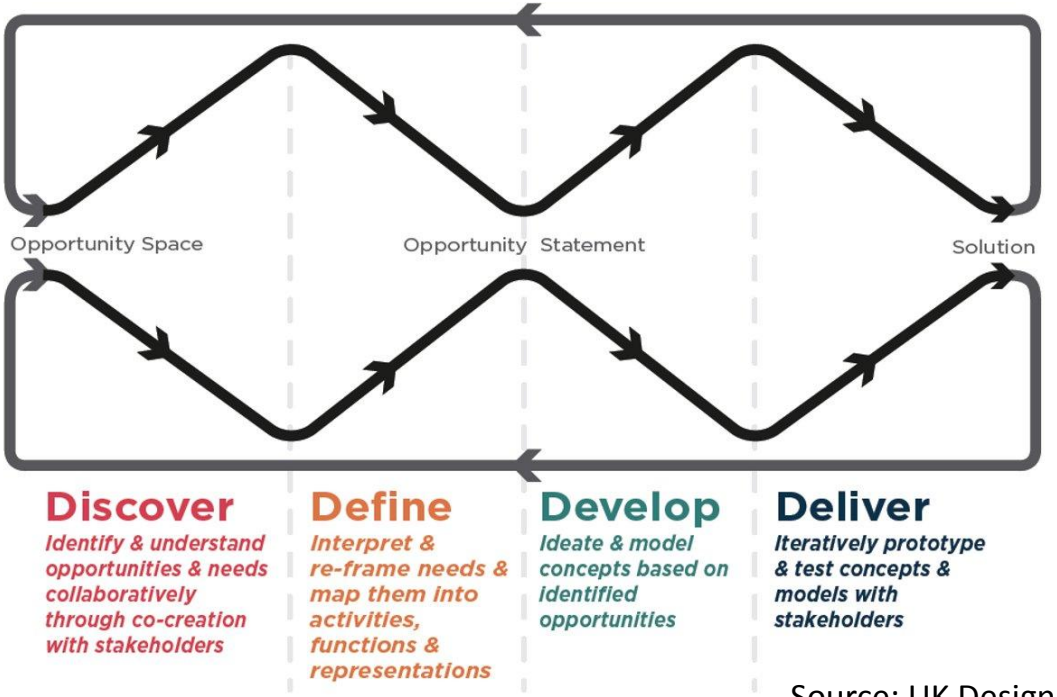
Each student team sets up a startup Co. specializing in AI-equipped robotics for rescue operations. (Tech. Co.)

Company works worldwide and needs to understand its clients' needs. (User Needs)

In a startup Co. founders carry out all of the work, hence, it is important to master different skills in the fields of Humanities, Design and STEM. (Transdisciplinary)

Design Brief

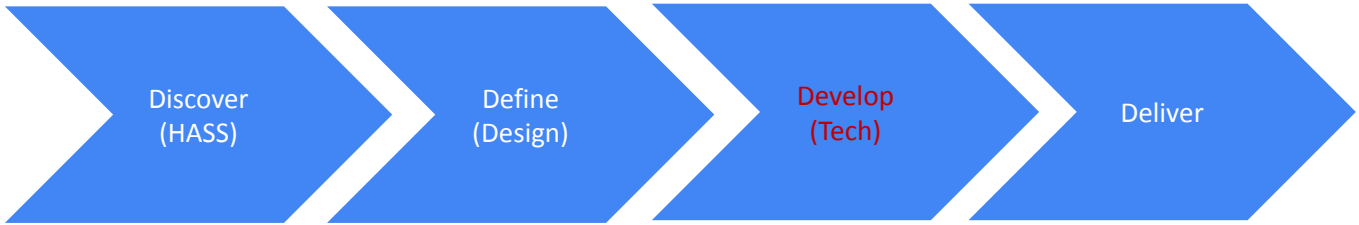
Design Process



Source: UK Design Council Double Diamond

Design Brief

Workflow



storyboa
rd

Phase 1
Day 1

Phase 2
Day 1

Phase 3
Day 2
Day 3
Day 4

Phase 4
Day 5

Assembly Instructions

Follow along session please proceed to the link

Students browse: github.com/leemjm92/STEAMxD/blob/main/robot.md

Pear Deck Interactive Slide
Do not remove this bar