

# GROUP 9 PORTFOLIO

SOCIAL THEORY & DESIGN THINKING  
(2410302)

Members:

**Phanuson Siriphongchawalit** 6848045024  
**Jakkapat Tilokruangchai** 6848004324  
**Navin Chayasutabutr** 6848023224  
**Nichakan labsakul** 6848015224  
**Yanaporn Tippayaratporntawee** 6848008924

# NAVIN CHAYASUTABUTR

PGS 06

## Experience

### MORU – Mahidol Oxford Tropical Medicine Research

- Internship focusing on health policy and economic modeling.
- Joined a weeklong PK PD and Pharmacokinetics workshop on malaria research in the SEA region.
- In depth introduction to BSL 1, BSL 2+, and BSL 3 laboratories and ongoing research at MORU.

### Thailand National Model United Nations

- Selected as the Best Delegate of the Crisis Committee at Thailand's premier MUN hosted by UNESCAP and the Ministry of Foreign Affairs Thailand.

### Student Council Trinity International School – President

- Selected as the Trinity International School Student Council President for the academic year of 2023-2024.
- Served on the Student Council from 2019 – 2025
- Oversaw the student body and made a streamlined process for club finances, student conditions, and improved student access to outside opportunities for development.



## Education

TRINITY INTERNATIONAL  
SCHOOL, BANGKOK

## Future Career

Health Law or Health Policy

Hello, my name is Navin Chayasutabutr, my nickname is also Navin, nothing special. I previously attended Trinity International School located in Thonglor. During my time in high school I was Student Council President among other things I did. I chose to enroll in PGS solely on the reputation of Political Science Chula and the opportunity to go abroad to the University of Queensland and pursue a degree in Health and Social Policy, something I have always wanted. My interest in health policy stems from my curiosity between medicine, politics, and law. I hope to learn many things from this class and use my knowledge to better myself and others around me.

# JAKKAPAT TILOKRUANGCHAI

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## Experience

### SKE 2024

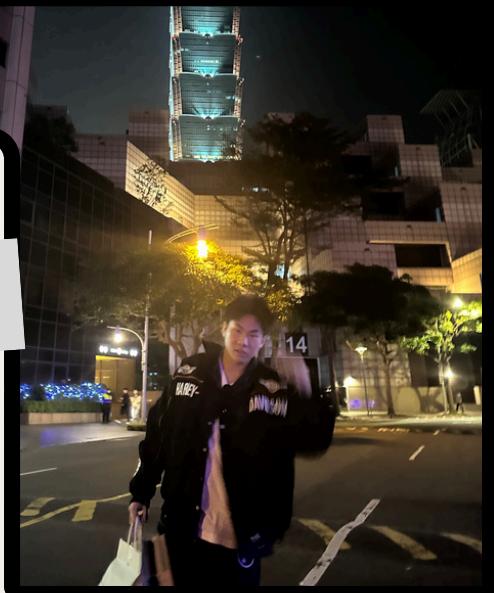
- Organizing SKE2024 the exhibition of Suankularb school that have people attended more than 10,000+.
- Head of Art and Visual and member public relations
- Committee of organizing this event in many part.

### National Education Museum @SK

- One of the board of museum, organizing the event.
- Welcoming diplomats from many countries(Singapore, Poland, China, etc.)

### Youth's Dreams Case

- Organizing business case about Sustainable Development Goal of UN to improve the well-being of youth
- attended by high school students from across the country



## Education

SUANKULARB WITTAYALAI  
SCHOOL, BANGKOK

## Future Career

Development Policies

Hello, my name is Jakkapat Tilokruangchai, but you can call me Chokun. I previously studied at Suankularb Wittayalai School, where I had the opportunity to take part in many major activities such as SKE and Jaturamitr, which were truly unforgettable experiences. I chose PGS because I believe it suits me best and has a strong reputation. I also value the opportunity to go abroad, which I think will be very beneficial for me. I am particularly interested in Development, and I believe that UQ can provide me with the right opportunities to explore this field. I hope to learn many new things in this class, enjoy the experience, and use the knowledge I gain to succeed in the future.

# YANAPORN TIPPAYARATPORNTAWEE

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## Experience

### 7 years member of the Student Council : VP, student representative

- served as Vice-President in my final year and was elected as a student representative for a total of 7 years throughout my time at SBS.

### Executive director of the 24 Hour Race Bangkok

- selected to organize the world's largest youth led anti-slavery initiative event in Bangkok
- Led a diverse team of students, oversaw operations and managed logistics

### Won Top in Thailand in AS Business 2023 &

### Essay Competition to study Business at Oxford

- Scored the highest marks in the 2023 examinations and won an essay competition scholarship to study Business at the University of Oxford where I researched MNC's supply chain issues



## Education

SATIT BILINGUAL SCHOOL OF  
RANGSIT UNIVERSITY

## Future Career

Development policy strategist

Hello, my name is Yanaporn Tippayaratporntawee, my nickname is Pear. I previously studied at Satit Bilingual School, where I spent seven years serving on the Student Council and held the position of Vice-President in my final year. I also had the chance to lead large-scale initiatives such as the 24 Hour Race Bangkok, where I gained a lot of insights on issues like human-trafficking and the structural systems that perpetuates human exploitation. I've always enjoyed reading development books, especially those that focus on poverty and inequality, as they show me how policies can create real change in people's lives. This passion is why I chose to study at PGS because I believe it will give me a strong foundation and community to grow, while also preparing me for the Development program at UQ through the dual degree.

# NICHAKAN IABSAKUL

## Experience

### Vice President of The Future Health Professionals Club (HOSA)

- selected as the Vice President of the HOSA during my exchange year in the United States!
- organized and coordinated healthcare-related events like workshops and outreached programs

### Student Senate

- served as a member of the student senate during my exchange year in the United States.
- addressed students' concerns.
- worked on initiatives that fostered inclusivity and strengthened school spirits.

### Kettle Corn Fundraiser for Autistic Children

- led an initiative for Devon's Autism Driven campaign, which purpose was to provide tangible support for children with autism.
- raised \$1,375 by selling kettle corn at the Kansas City Zoo every weekend for 2 months.

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## Education

MAHIDOL UNIVERSITY  
INTERNATIONAL  
DEMONSTRATION SCHOOL

## Future Career

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Hello, my name is Nichakan Iabsakul, I go by Mona. I graduated from Mahidol University International Demonstration School. Growing up, I have never really wanted to be anything but a doctor. But unfortunately, I did not pass my interview at my dream med school, so I decided to open my heart to something I have also been interested in which is politics and global affairs. Though my initial plan was different, I am super happy to be here. I chose to study here at PGS as I believe learning from international academics and immersing myself in a new academic environment would deepen my understanding of global politics and cross-border cooperation. While I am not entirely sure what my exact career path will be yet, I am certain that this field will enrich me in countless ways. I'm excited to learn, grow, and discover my future direction along the way.

# PHANUSAN SIRIPHONGCHAWALIT

## Experience

### Student Council Satit Prasarnmit Demonstration School - President

- Selected as the Satit Prasarnmit School Student Council President for the academic year of 2024-2025.
- Help change the management of sports competitions, school resources and school personnel.

### Organizer Of The Reforestation Event

- Volunteer to plant trees in various provinces that lack natural resources.
- Build relationships with local people and learn about the nature in that area.

### Received the Outstanding Student Award for the academic year in the field of sports.

- Performed well in many inter-school football competitions and received the Outstanding Player award in many competitions.

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## Education

SATIT PRASARNMIT  
DEMONSTRATION SCHOOL

## Future Career

Ambassador

Hello, my name is Phanusam Siriphongchawalit, my nickname is Titan. I previously studied at Satit Prasarnmit Demonstration School, where I participated in many academic and sports competitions and had the opportunity to be student council president in my final year of study. I have been interested in politics since I was a child, as my grandfather was in this field when he was young and taught me a lot about these things. This is why I chose to join PGS because I believe that this place will give me enough potential to further my career in the future and give me a true understanding of politics and the nation.

GROUP 9

# DYSTOPIA DESIGN CHALLENGE

SOCIAL THEORY & DESIGN THINKING  
(2410302)

# SOCIAL THEORY & DESIGN THINKING (2410302) **DYSTOPIA DESIGN CHALLENGE**

## 1. Our Dystopian World

By 2109, Earth's surface has become nearly unlivable. Climate collapse has scorched farmland, and an authoritarian regime rules the remaining mega-cities with AI surveillance and armed patrols. Resources are tightly rationed, and dissent is crushed immediately. Above ground, life is dangerous and controlled. The only real hope for survival lies underground, where hidden communities have begun to rebuild away from the eyes of the regime.

## 2. Our Sociotechnical Structure

Using the Mideer Magnetic-Tiles Marble Run Set, we designed the Subterra Transit Network, a secret transportation system that connects safe zones in the underground world. Inspiration taken from *Fantastic 4*.

Purpose: To move citizens safely from the surface to hidden underground shelters, and to let them travel between different underground hubs.

How it works: The structure is built like a protected station disguised as an ordinary building on the surface (such as a warehouse or apartment block). People enter, and the system carries them down through secured tunnels into the underworld. The marble run design symbolizes the protected channels and pathways that guide people safely downward. Exits at the bottom represent different underground zone with living areas, food distribution, or meeting halls.

Safety: The top of the system is shielded, preventing authorities from detecting the entrances. Each station blends into the city, making it appear harmless unless you know what's behind the scene.

# SOCIAL THEORY & DESIGN THINKING (2410302) **DYSTOPIA DESIGN CHALLENGE**

## 3. Ethical Questions and Trade-offs

Risk vs. Reward: Using the system means risking discovery. If even one station is exposed, entire underground communities could be endangered.

Exclusion: Only those who know where stations are located can escape. Some people may be left behind.

Control: Who decides who gets access? Should everyone be allowed in, or should entry be limited to protect resources? Questions of segregation will arise.

## 4. Reflection

Design in dystopian times is never neutral. The regime uses technology to control people, while the Subterra Transit Network shows how design can empower survival and freedom. A simple, disguised system can become the difference between oppression and escape. This project highlights that design can hide power within ordinary things, either to trap people or to liberate them.

We have included a link to a google drive below for a short video on how our system runs.

- In the video the buildings represents the hidden factor of our design where everyday objects can be used for escape into Subterra.
- The circular funnel represents the security and safety checks that are required to keep unwelcomed individuals out.
- The marbles themselves represent the people and how small they are to the established system.

[https://drive.google.com/file/d/1Onv7OKrEhkxW97HZla3sIKP\\_oINSwYie/view?usp=drivesdk](https://drive.google.com/file/d/1Onv7OKrEhkxW97HZla3sIKP_oINSwYie/view?usp=drivesdk)

# SOCIAL THEORY & DESIGN THINKING (2410302) **DYSTOPIA DESIGN CHALLENGE**

