IS4250: IT-enabled Healthcare Solutioning
2022/2023 Sem 2

Tentative Syllabus (As of 10 Jan 2023)

Note: All topics and readings are subject to change. Students should check Canvas frequently for the latest
Guest speakers will join us in particular sessions to share their insights. Please review the guest speakers' profiles
and suggested reading materials and come with a question for the speaker

Week	Date	Topic	To be completed BEFORE class	Deliverables
1	12/1/23	**Course Introduction** **Understanding workflows: Lean thinking**		
2	19/1/23	**Reimagining Healthcare Delivery: Reexamining Hospital Workflows** Guest speaker: Dr Alex Yip, Alexandra Hospital (TBC)	- Read case: Deaconess case (A) - Complete Deaconess case survey	Deaconess case survey before **18/1/23 8:59pm**
3	26/1/23	**Hospital Information Systems** **Design Thinking Part I: Crafting your problem statements**	- Textbook Chapter 3	
4	2/2/23	**Design Thinking Part II: Leap of Faith assumptions** Guest speaker: Mr Torres Oey, IHIS (10:45 am)		
5	9/2/23	**Design Thinking Part III: Prototyping, Experimenting and Refining** Guest speaker: Dr Foong Pin Sym, TeleHealth Core, NUS		Initial proposal due **10/2/23 8:59 pm**
6	16/2/23	**Patient Engagement I**		
	23/2/23	**Recess Week**		
7	2/3/23	**Patient Engagement II** **Guest speaker:** TBC	- PatientsLikeMe case writeup	PatientsLikeMe case writeup due **1/3/23 8:59 pm**
8	9/3/23	**Health IT Entrepreneurship and Business Models** Guest speaker: TBC		
9	16/3/23	**Hospital Tour / Focus group**		Mid term update due **17/3/23 8:59 pm**
10	23/3/23	**Exam (9:30- 11:30 am)**		
11	30/3/23	**Healthcare Ecosystem: From Disease Management to Population Health Management** Guest speaker: Dr Clive Tan	- (optional) Textbook Chapter 4 - Healthcare analytics landscape case writeup	Healthcare analytics landscape case writeup due **29/3/23 8:59 pm**
12	6/4/23	No class- Wellbeing day		
13	13/4/23	Pre-steps consultation meetings **STEPS on 12/4/23 in lieu of class**		Final report due **27/4/23 8:59 pm** Peer review due **28/4/23 8:59 pm**