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WEBINARS FOR THE MUSEUM ROUNDTABLE

Friday 26 June 2020 | 3pm - 4pm



Digitalisation: Behavioural Insights in the Digital Landscape

Dr Joanne Yoong Senior Economist and Director Center for Economic and Social Research, University of South California

ABOUT THE FIRESIDE CHAT

The COVID-19 pandemic has seen a surge in online activity by many organisations and businesses. As a result, audiences are now faced with even more decisions to make in their consumption of culture, commodities, and information. Museums are consequently faced with the challenge of competing in an increasingly crowded online environment. This phenomenon raises the need for a more targeted approach toward designing digital strategies based on an understanding of online behaviour, so that museums can successfully meet their goals. This fireside chat will focus on questions programmers should ask before embarking on digitalisation, and discuss key obstacles that museums might anticipate when going digital.

ABOUT THE SPEAKER

Joanne is an applied economist working at the intersection of behavioural economics, health and financial decision making for the well-being of vulnerable populations. She is Senior Economist at the University of Southern California, where she directs the offices of the USC Center for Economic and Social Research in Singapore and Washington, D.C. She is also a principal member of the USC Behavioral Economics Studio.

ABOUT THE MODERATOR

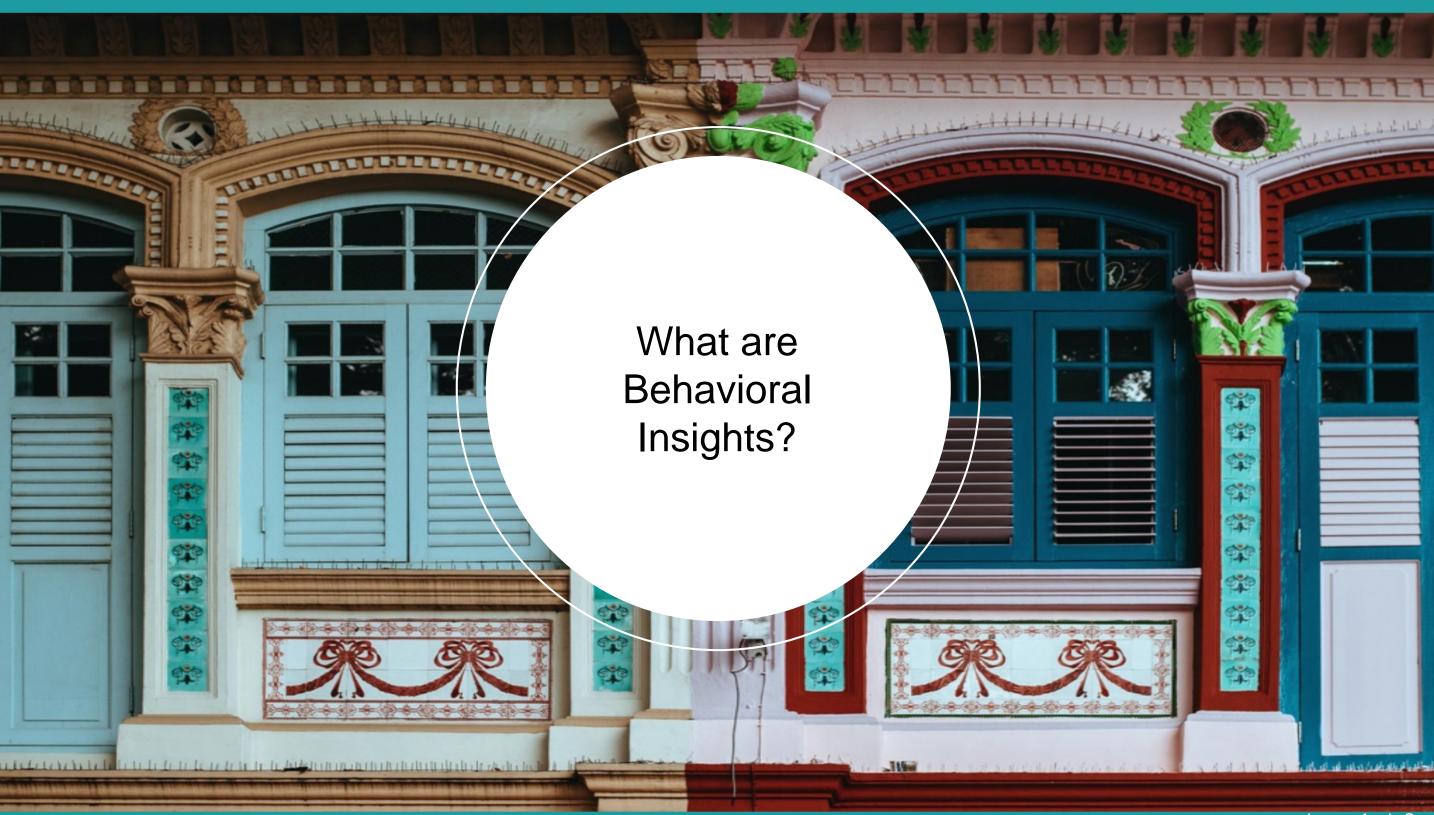


Jervais Choo Deputy Director (Organisational Design and Innovation) National Heritage Board

Jervais is the Programme Director for DigiMuse. Launched in 2017 by the National Museum of Singapore, Digimuse aims to advance digital innovation in the cultural sector. As Deputy Director for Organisational Design and Innovation, Jervais leads the digital transformation efforts of the National Heritage Board.







Dr Joanne Yoong
USC/NUS/Research for Impactacy for the FUTURE





The brain works in dual, simultaneous process

System 1 (Fast)	System 2 (Slow)
Fast	Slow
Constant, automatic	Effortful, deliberate
Subconscious	Self Aware
Reflexive, Associative	Rational, logical



Choices are therefore often not "rational"

Individual preferences and values are often inconsistent, unstable and influenced by context

Individuals form biased beliefs about self and surroundings and selectively filter information

Decisions are often based on rules of thumb, subject to processing constraints and external triggers including emotion and stress



1: Our future selves are "better"

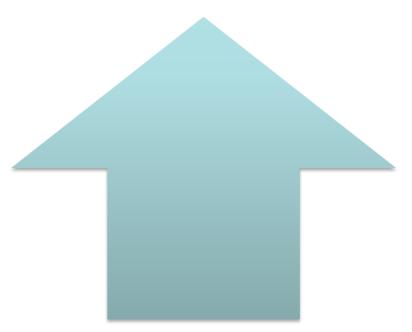


Long-term patient

- Aspirational
- Desire to meet long-term goals

Short term Impatient

- Give into immediate gratification (immediate benefits)
- Procrastinate over unpleasant or uninteresting tasks (immediate costs)





Short-term wants beat long-term shoulds



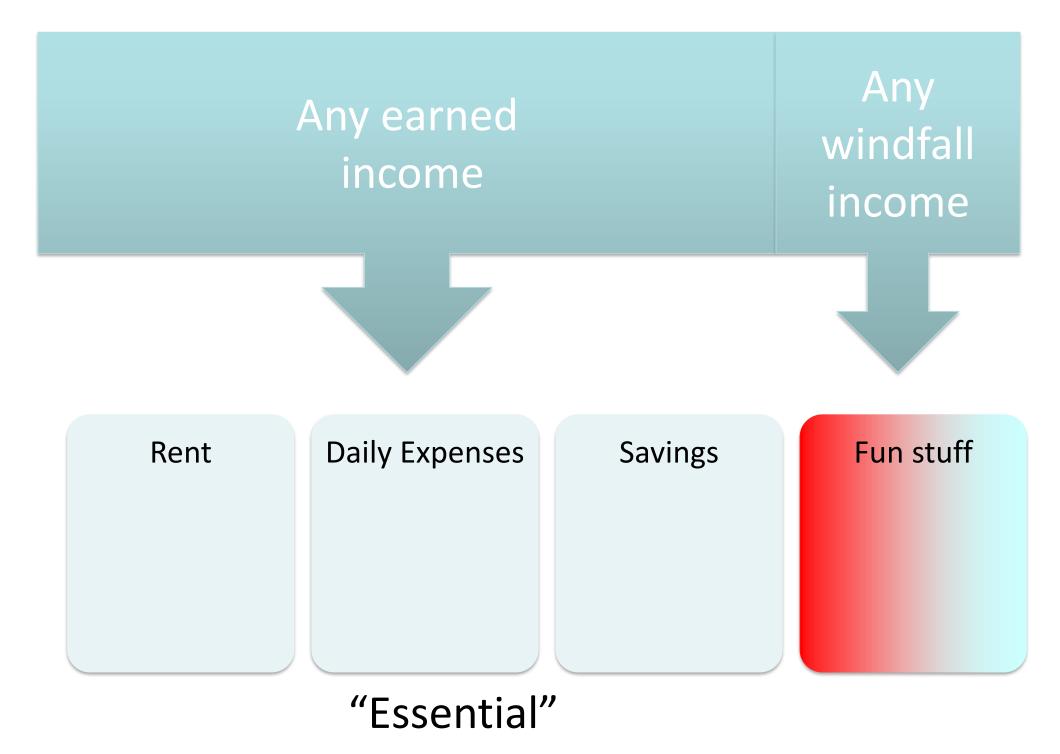




Defaults and small frictions matter



#2: Frames affect our "mental accounting"

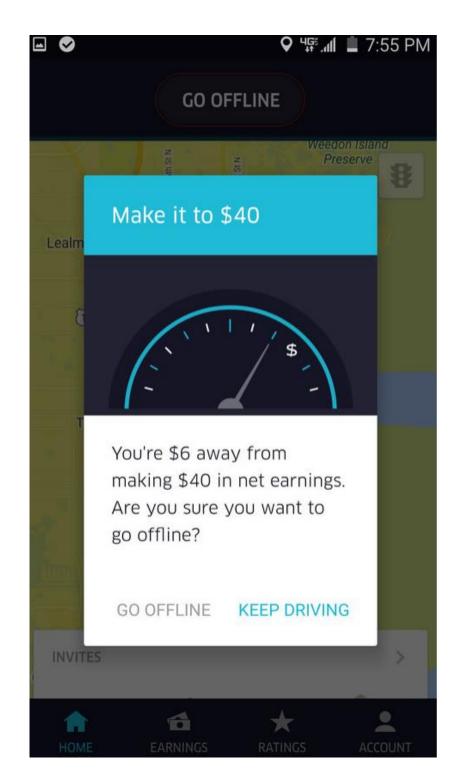




We respond to scarcity and FOMO









#3 Social instincts are strong



Halo effects color judgements





Reciprocity means giving first can help





#4 Attention is limited and degrades quickly

System 2 is overloaded or System 1 is triggered

Become more myopic and pay attention only to the most salient features

Apply shortcuts and "rules of thumb"

Avoid choice altogether and go with the default

Less can be more

Choice Avoidance

- 30 percent of consumers offered six-flavors of jam bought a jar, while only 3 percent of those offered 24-flavors made a purchase
- More jam = more visitors, but fewer jams= more purchases

Reduced Satisfaction

 Subjects asked to pick from among six types of Godiva chocolate were more satisfied that another group choosing from among 30 varieties



Control has value

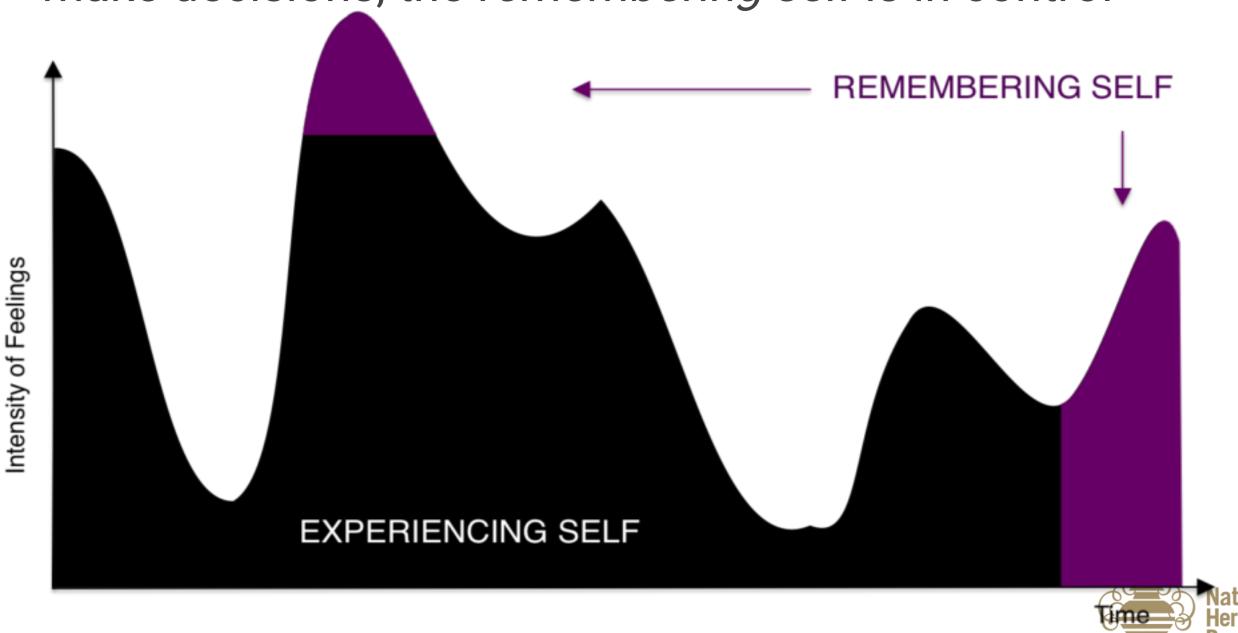




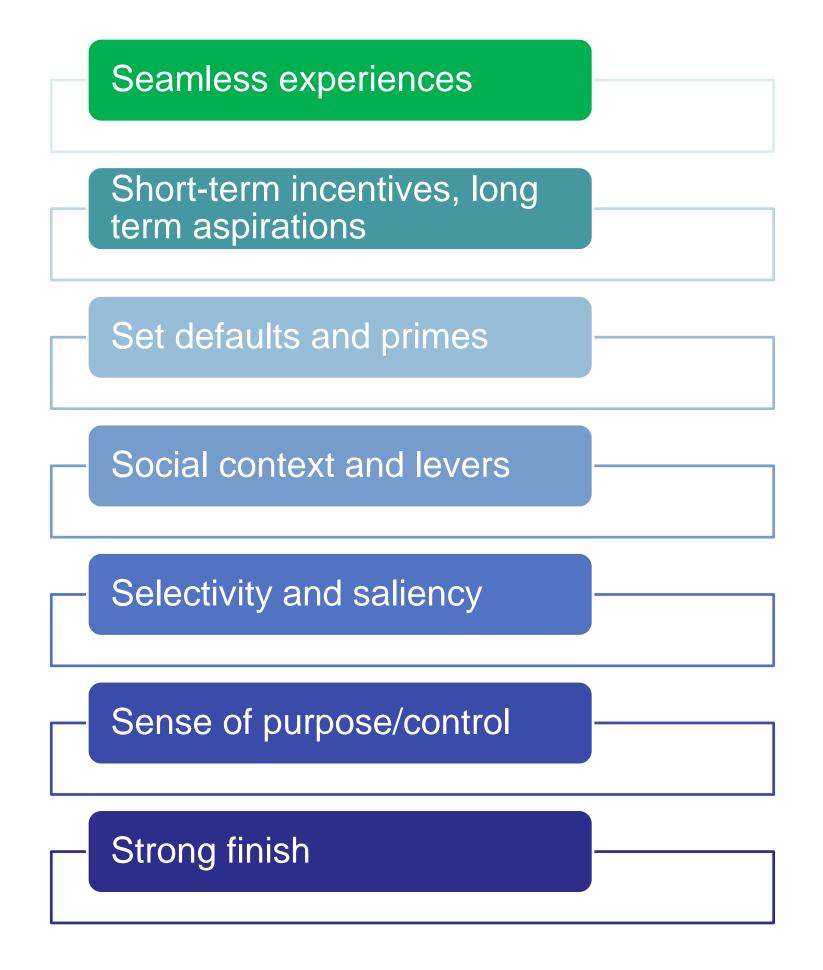


#5 Experience Is Not Memory

"The *experiencing self* does all the living by going through a succession of moments while the *remembering self* is the one that gets to keep the memories. When people make decisions, the *remembering self* is in control"



Seven Implications for Experience Design



1. How can I leverage on BI to reach new audiences, or better engage with the under-served communities?



2. With limited knowledge and technical know-how, how can we get started and how can I include BI principles upfront for the project?



3. With limited or no budget, how can we best market our offerings and make it go 'viral'? How can BI help?



4. What would be some meaningful indicators for museums, arts and culture professionals to measure?



BI in the Digital Environment

Jervais Choo Deputy Director Organisational Design and Innovation National Heritage Board

What if we could change the way we engage with our visitors



QR SEARCH TO FIND OUT WHAT'S ON

Visitors scan QR codes located around the museum to find out more about the museum's offerings for the day.

PERSONALISED WAYFINDING

Personalised routes created based on the visitor's interests and duration he intends to spend in the museum.

HELLO EVE.

I AM HERE TO SHOW

YOU AROUND BASED

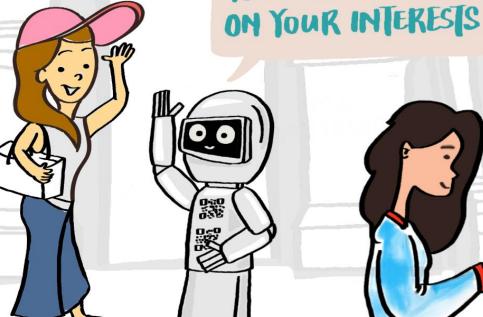


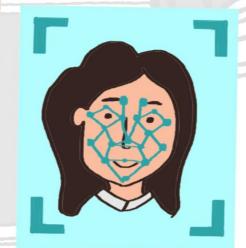


EXHIBITIONS

TOURS

PROGRA MMES





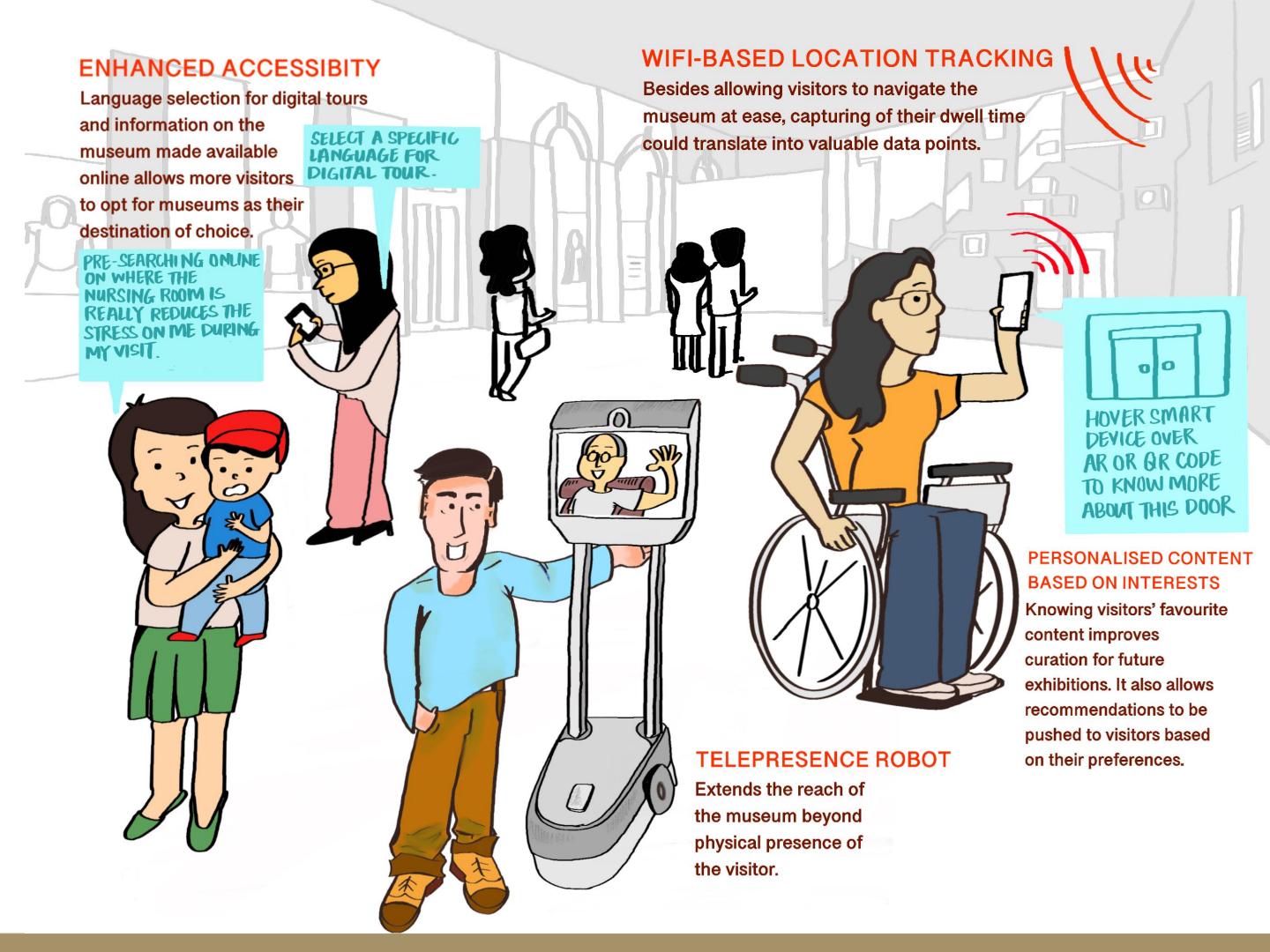




SEAMLESS ADMISSIONS

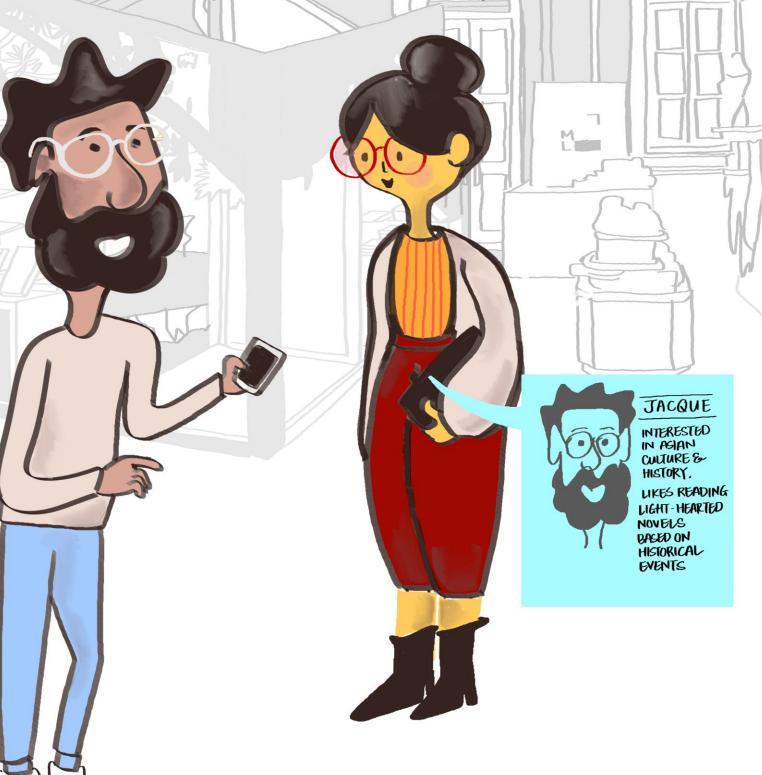
The Heritage ID is a unique identifying number. Creation of the Heritage ID with facial recognition function helps identify visitors who have bought an online ticket for the visit.

Repeated visitors can also be identified and tracked.



ENHANCED VISITOR SERVICES

Visitor service officers will be able to recognise and know individual visitor's preferences through the information captured in the visitor service database. This translates to personalised services for every individual visitor.





SECURE E-PAYMENT EXPERIENCE

Visitors can choose to use electronic payment modes when making purchases of tickets, merchandises and when spending at F&B outlets.

Their spending preferences would be captured as data, to help us understand their buying preferences.



An online survey will be pushed to the visitors at the end of their visit. Visitors will also receive recommendations on other exhibitions based on their interests.



THANK YOU FOR SPENDING THE AFTERNOON WITH US. YOU MAY ALSO BE KEEN TO VISIT OUR SPECIAL SHOWCASE AT THE NATIONAL MUSEUM





GAMIFICATION

The heritage account platform is designed with gamification features. Exclusive discounts and benefits would be available as they unlock levels.















Thank You

jervais_choo@nhb.gov.sg

