



Museum Pool

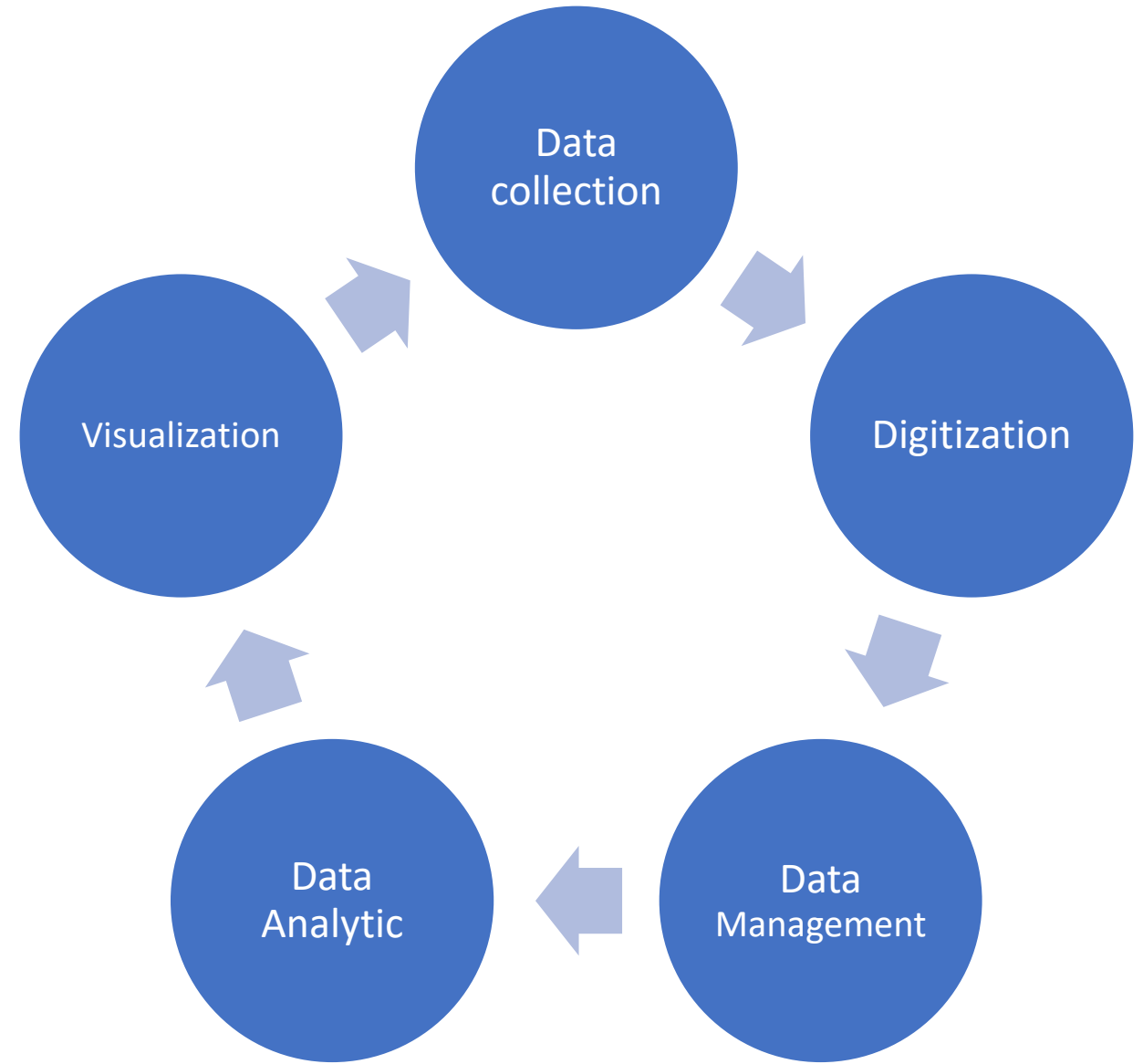
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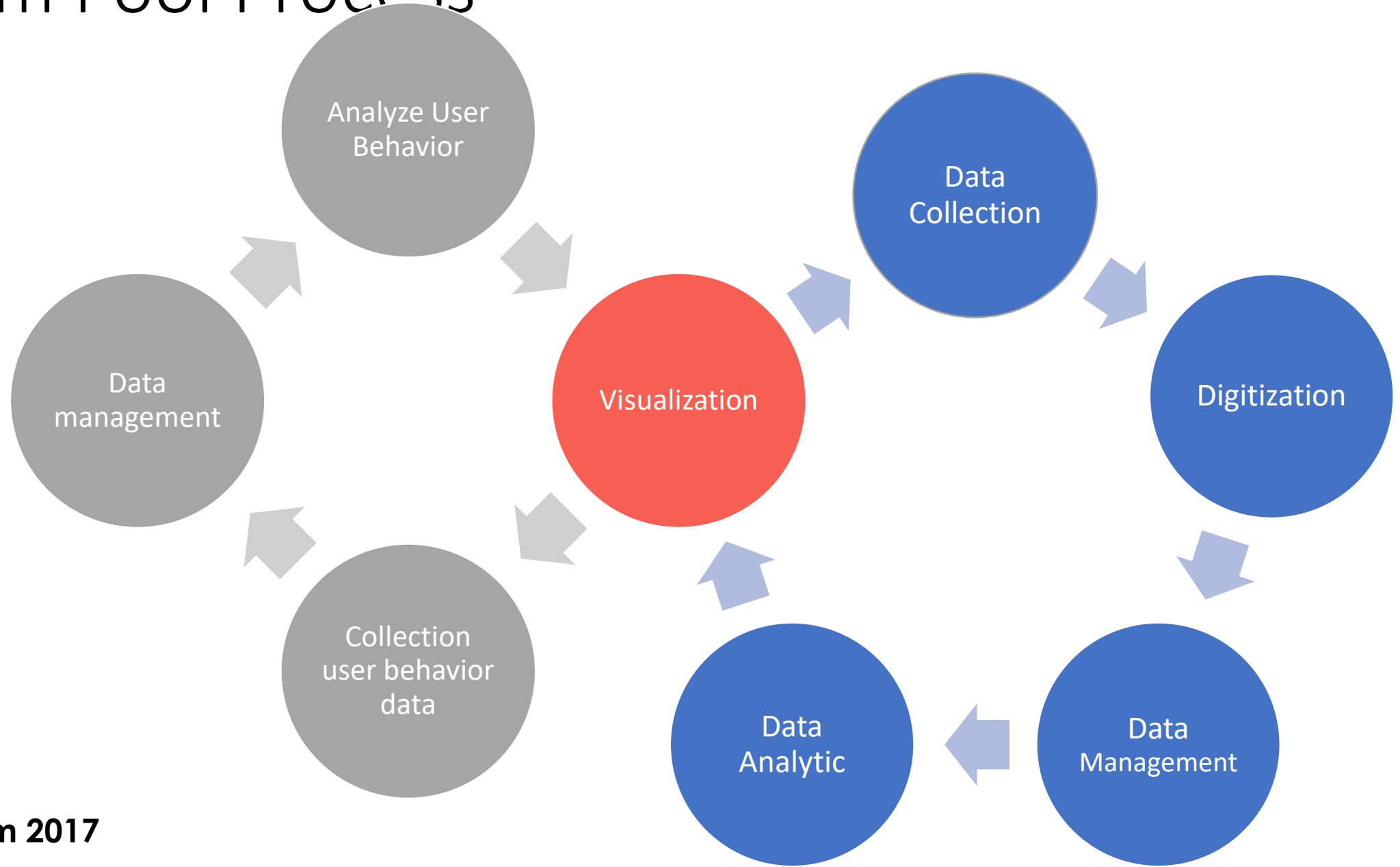
Localization and AutoID LAB

National Electronics and Computer Technology Center

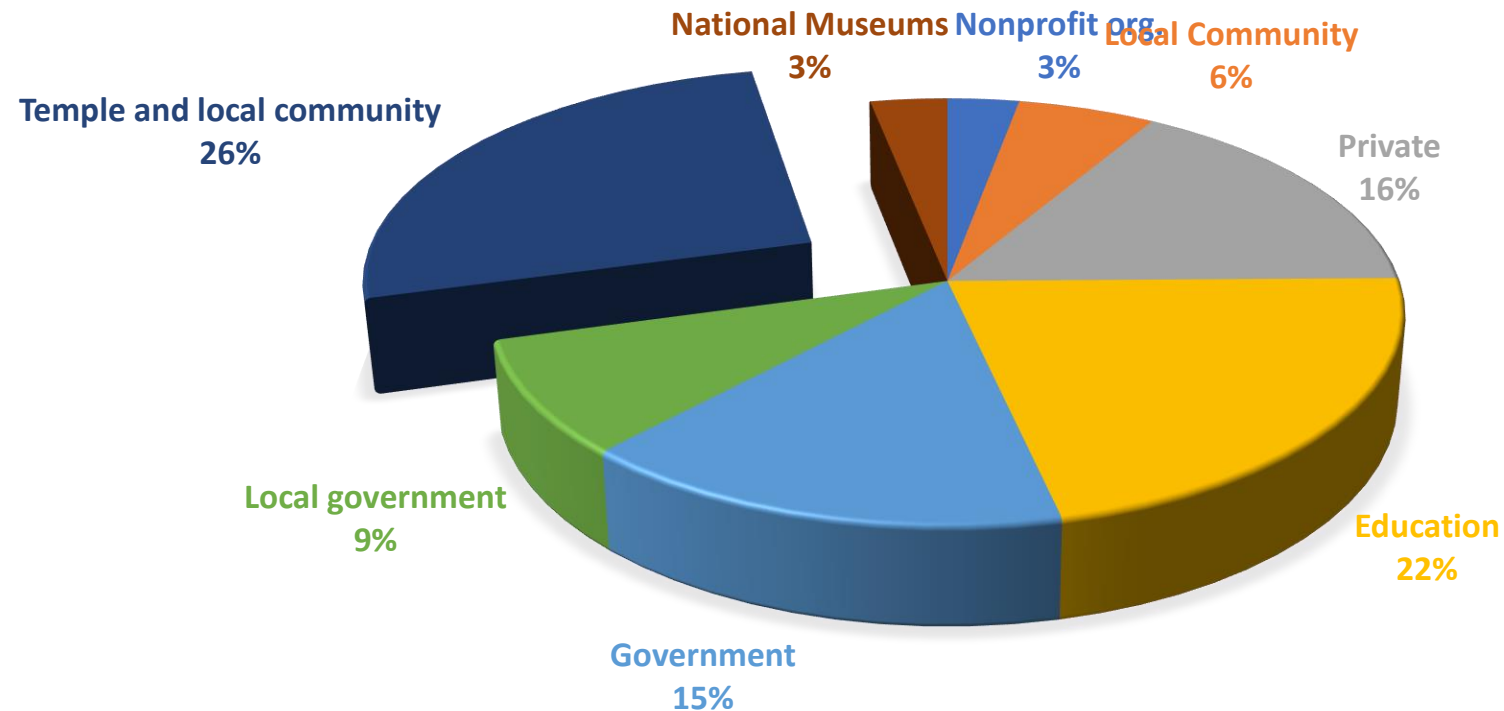
Cultural Information Management Process



Museum Pool Process

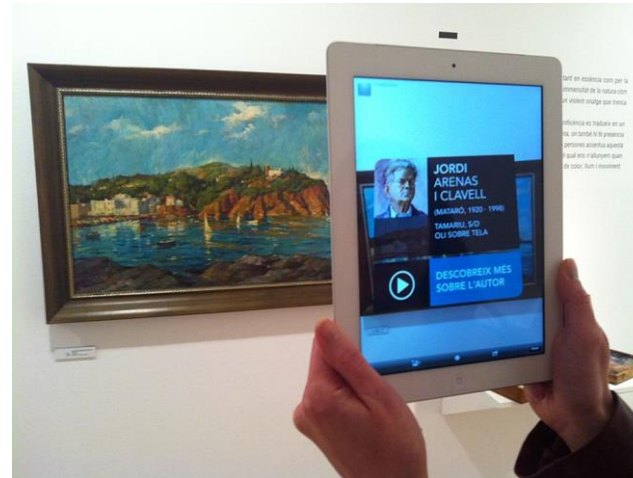
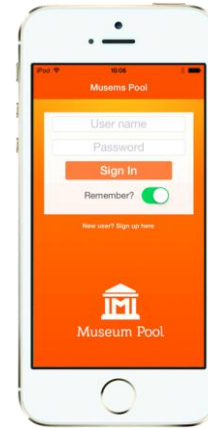


Museum in Thailand (1372)



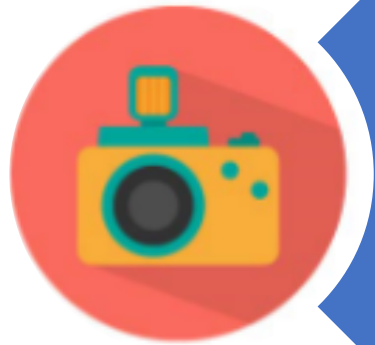
http://www.sac.or.th/databases/museumdatabase/museum_current_report_status.php

Museum Guide



Source: <http://www.anmm.gov.au/get-involved/volunteer>, https://commons.wikimedia.org/wiki/File:Augmented_reality_at_Museu_de_Matar%C3%B3_linking_to_Catalan_Wikipedia_%2818%29.JPG, https://en.wikipedia.org/wiki/Audio_tour,

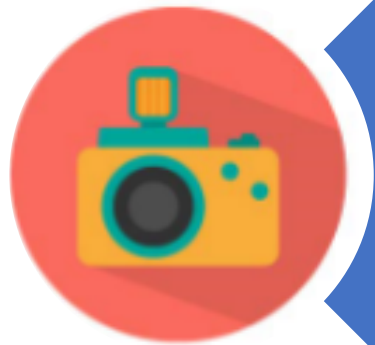
Problems often found in the museum



Not many
information at the
museum



Not enough staff in the
museum to attend
group or individual visit



So many individual
mobile museum
guide application



Mostly create content
on paper.

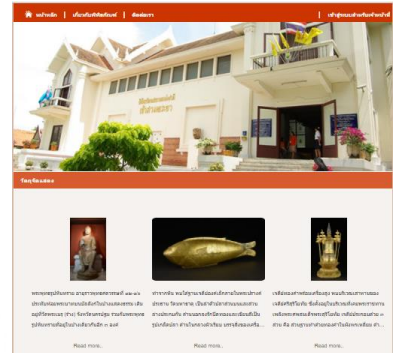
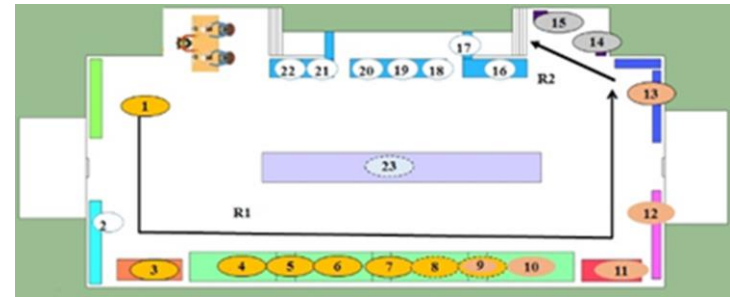
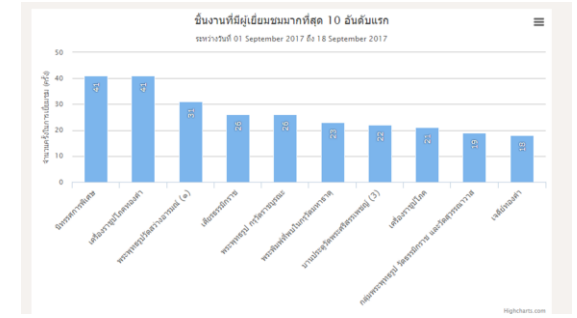
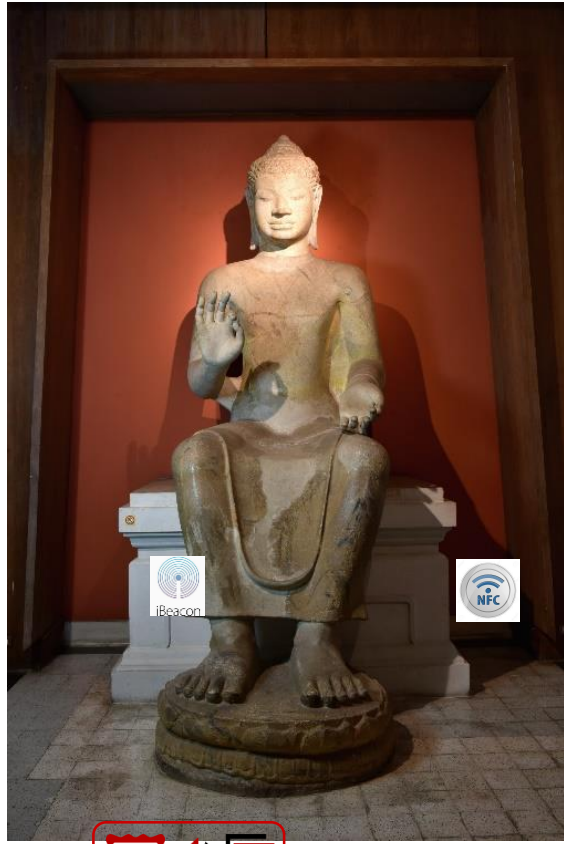
Solution : Museum Pool



One mobile application for all museums

Smart museums for visitor

Smart museums for curator



Platform for indoor guide



Phase I

- Guide with QR-code, NFC, iBeacon
- Can be implement in Museum, exhibition, tradeshow.



Phase II

- Guide & Suggestion
- Analyze visitor behavior

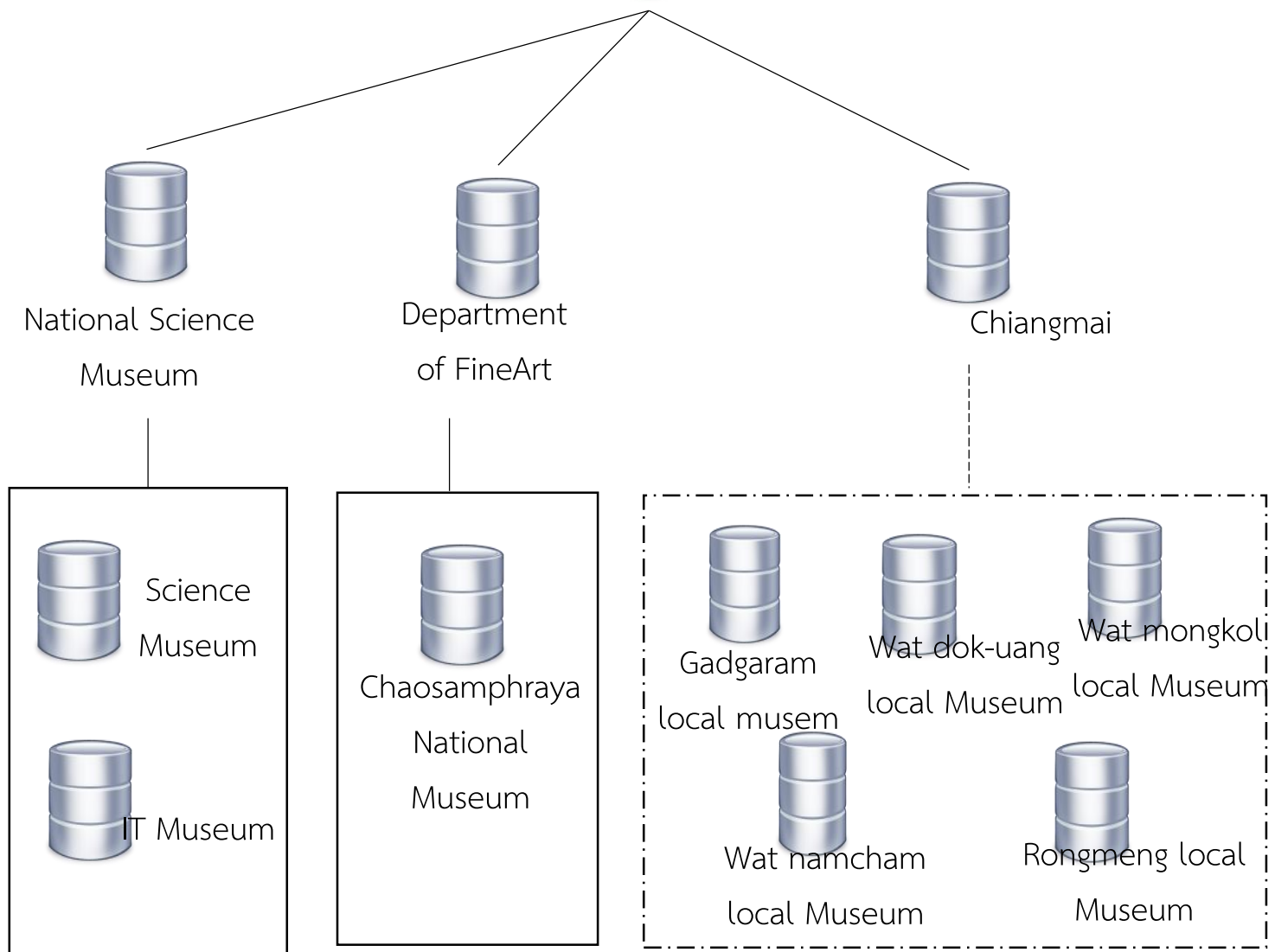


Phase III

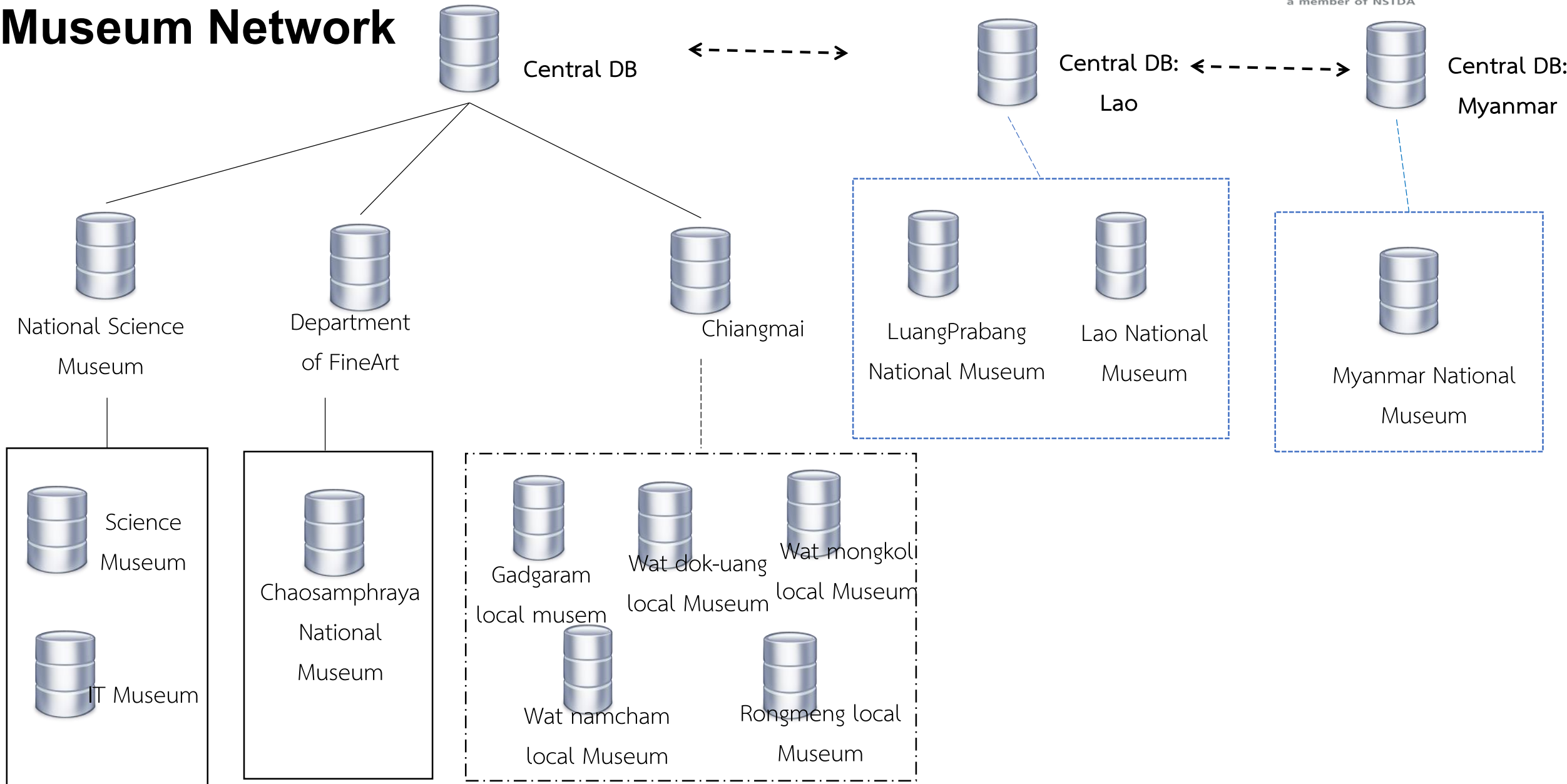
- Guide, Suggestion & indoor Navigate

Current Museum Network

Central DB



Museum Network



Q&A