

Assumptions:

1. The person who buys the ticket will be the visitor (or either the visitors if bulk purchase)
2. Price will be whole numbers without decimal places (e.g. No surcharge if pay by card)
3. Only store first 4 and last 4 digit of card, format will be: 1234*****1234 (hence VARCHAR)
4. Keep track of the number of times visitor enters the museum with associated ticket
5. There are no free entries to the museum, hence a visitor would only 'exist' if they have purchased a ticket to enter the museum
6. Museum app contains audio guide, museum only has one app
7. App contains other content other than audio guide
8. Only need to purchase app once
9. Only have to pay for audio guide once (if leave museum and re-enter, don't have to pay for hire again)
10. Only one type of audio guide available for purchase (i.e. Same content for all languages)
11. No free audio guide provided/no vouchers with discounts can be used etc.
12. Audio guide can only be accessed in the museum wings, hence considered as a weak entity
13. There will always be audio guides present in the museum wings
14. There will times where there are no specialist exhibitions, ie. They do not run all year long

Additional info

1. Visitor may use different payment types (cash/credit card etc.) or different cards while making purchases so store info separately