

Problem Statement 3 : Implement website hit counter system

You need to implement a website hit tracker - publisher-subscriber notification system. A website hit tracker system allows us to track how many times a customer has visited a particular website.

- Track visits to a website by different customers.
- Each customer may use multiple devices (laptop, mobile, tablet).
- Ensure each customer visit is counted only once, regardless of the device used.

Note: You should use internal data structures for this implementation, without relying on any external database or service.

Following API's need to be implemented:

- (1) VisitWebsite(customerId, deviceId, websiteId) : Track a visit to a website by a specific customer using a specific device.
- (2) GetWebsiteVisitCountForCustomer(customerId, websiteId) : Retrieve the number of visits a specific customer has made to a specific website.
- (3) GetOverallWebsiteHitCount(websiteId) : Retrieve the total number of visits to a specific website by all customers.

Please write a driver function to demonstrate the flow of the application and maintain a ReadMe doc for a brief overview of implementation. Bonus points for covering edge cases.