

PLAY GROUND

25th Aug ,2017



ALTIMETRIK

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Please implement one of the below Use Cases

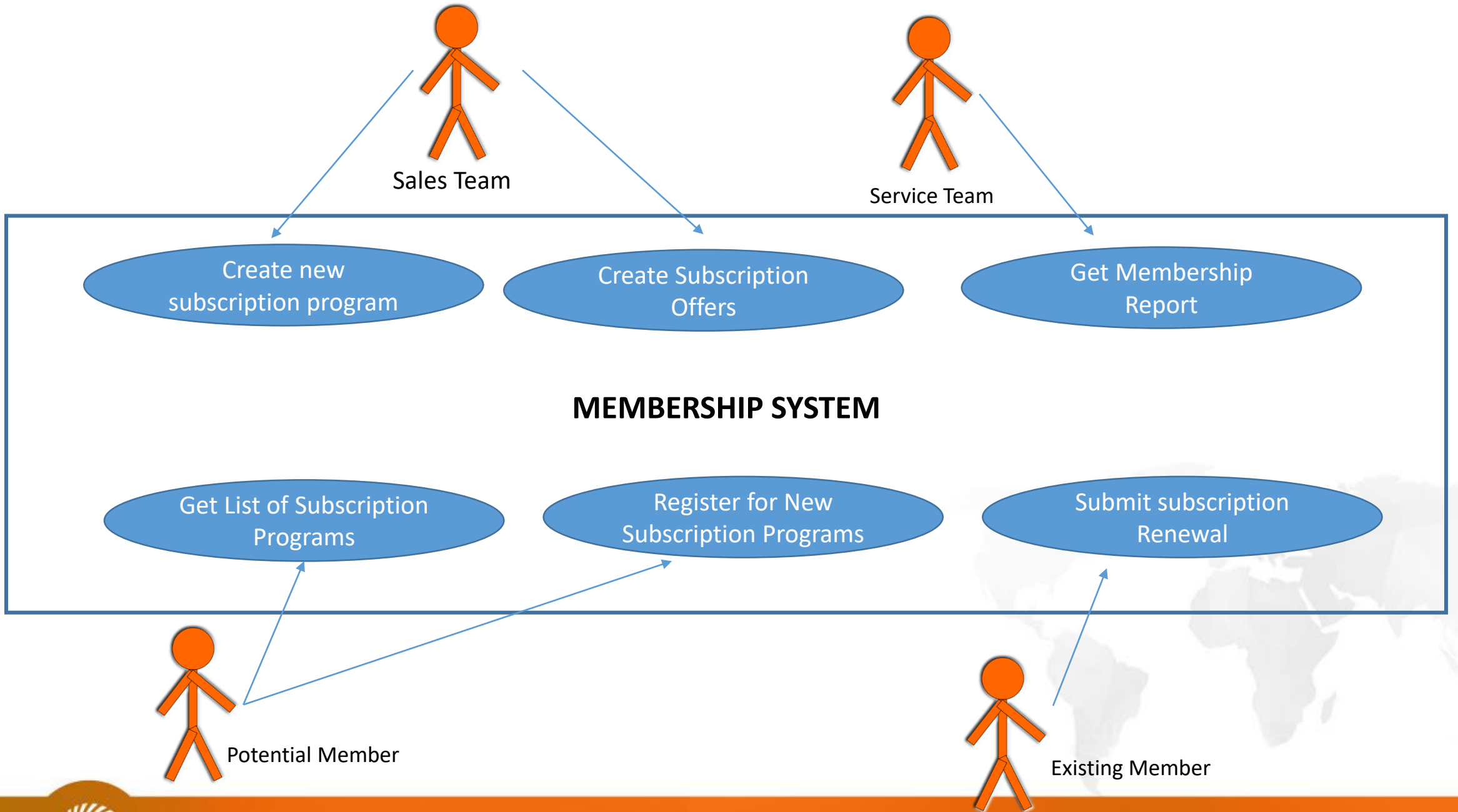
☐ MEMBERSHIP SYSTEM

☐ HEALTH COMPLAINT CHECK



MEMBERSHIP SYSTEM





USE CASE HIGH LEVEL DESCRIPTION

Create New Subscription Program:

1. US Discovery (US Alone)
2. World Explorer (Global Access)
3. All Access(1,2,Newspapper.com, Fold3.com).

Create New Subscription Offers:

1. Monthly
2. Half yearly.

Get Membership Report:

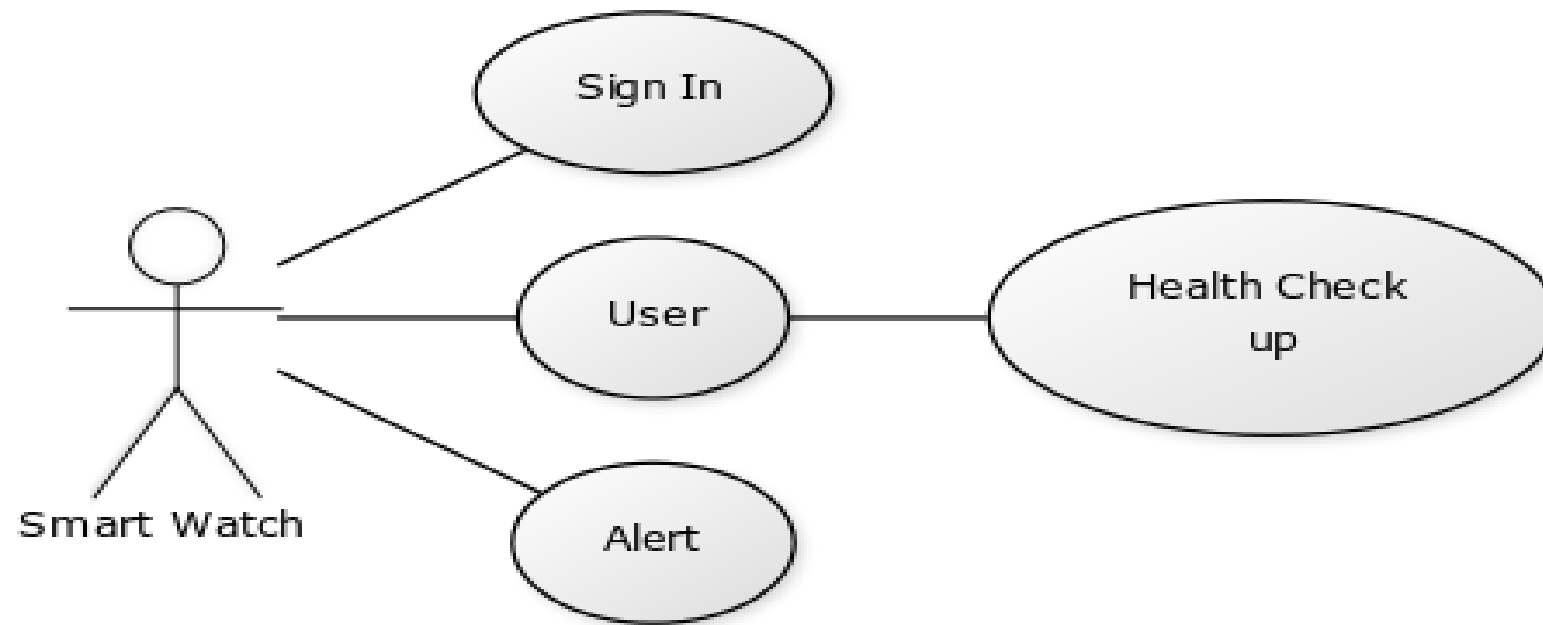
1. New Members Report (Member and Subscription Detail).
2. Renewal Members Report(Report of Members nearing Renewal).

New/Renewal of Subscription:

1. Create Account(User Credential & Personal Info).
2. Payment Details (Credit card Information, Bank Info).

HEALTH COMPLAINT CHECK





HEALTH COMPLAINT CHECK

Name : Health Compliance Check

Requirements : Smart watch need to send alert to respective employer after doing daily Health check compliance based on criteria or rules defined

Constraints or Assumptions : Watch should be wearable, internet connection should be made available, escalation should be given to reporting manager if alert generation ignored by user

Scenario :

- a) User need to login to watch
- b) Rule/s [engine] to be defined for tracking the health check
- c) Smart watch checks If User health is compliance / not
- d) Smart watch sends Alert to employer and entry should be made into database on notification
- e) Report should be published to employer on Alert ignored by user
- f) UI need to be responsive and Deliver the code with ZERO bug

Including Use Cases : login use case

Exceptions:



Technology to be Used

1) UI Implementation.

1. Angular JS.
2. React JS.
3. HTML5.

2) Restful Web Services based implementation.

1. Spring MVC, Boot.
2. JAX-RS.
3. Implement Micro services for required APIs.

3) Database Interaction.

1. Spring JDBC Template
2. Hibernate.

4) Unit Testing

1. Junit
2. Mockito (If required).

5) Development Process.

1. Agile Development :Convert the Use Cases to smaller user stories and start implementing.



thank you!