

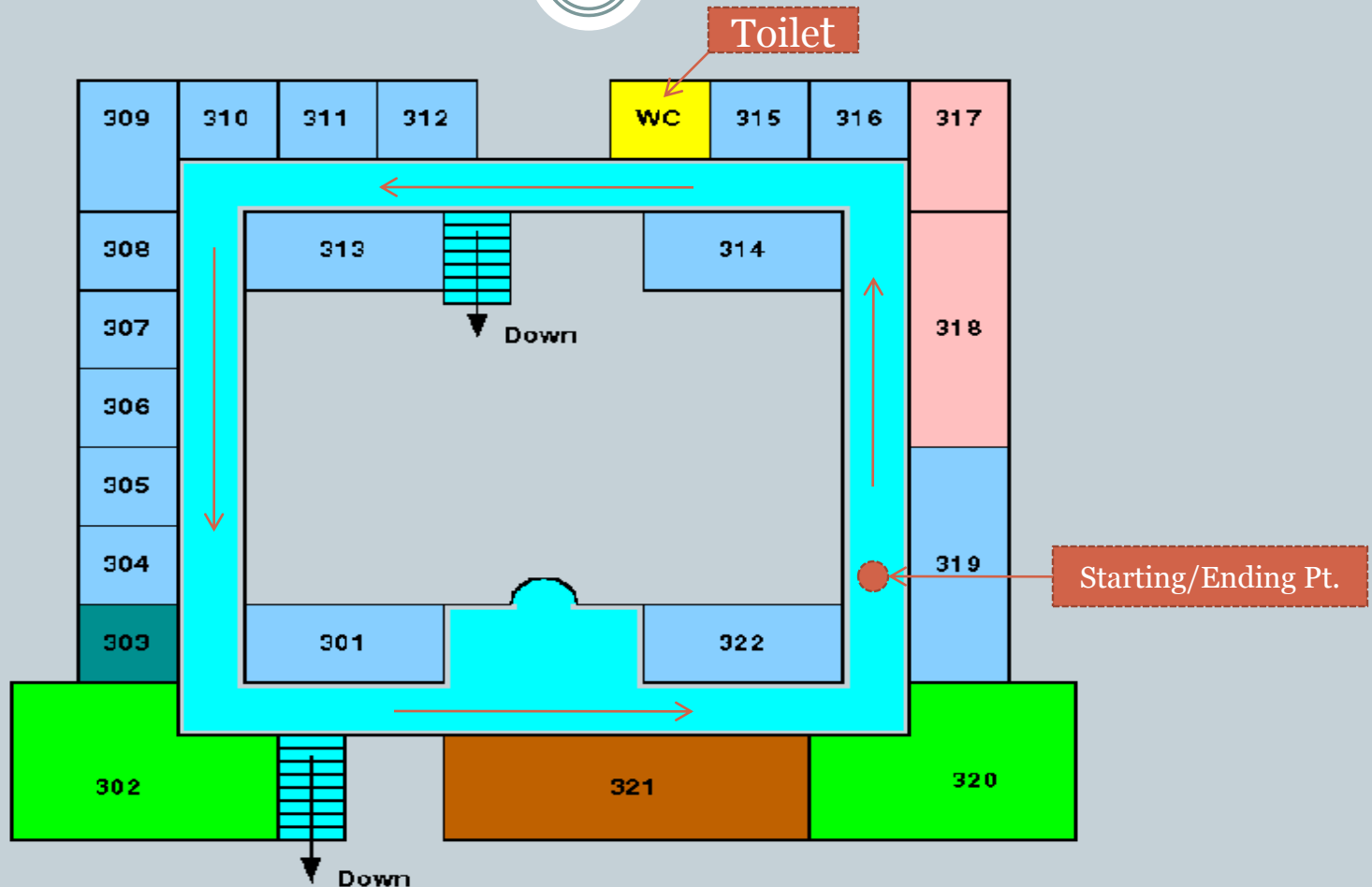
# Landmarks & SensoSaur



**AN EXPERIMENTAL STUDY TO ENUMERATE  
INDOOR LANDMARKS USING SENSOSAUR  
APP**

# CSE IIT Kgp Second Floor Plan

2



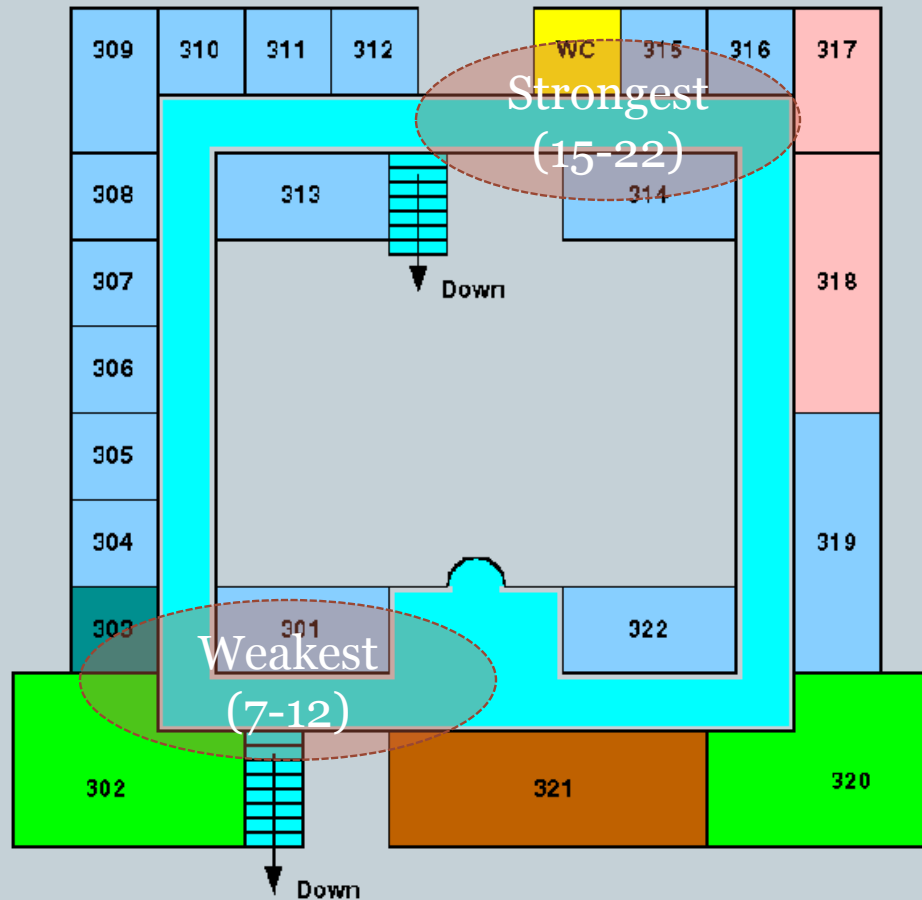
# Search of Landmarks

3

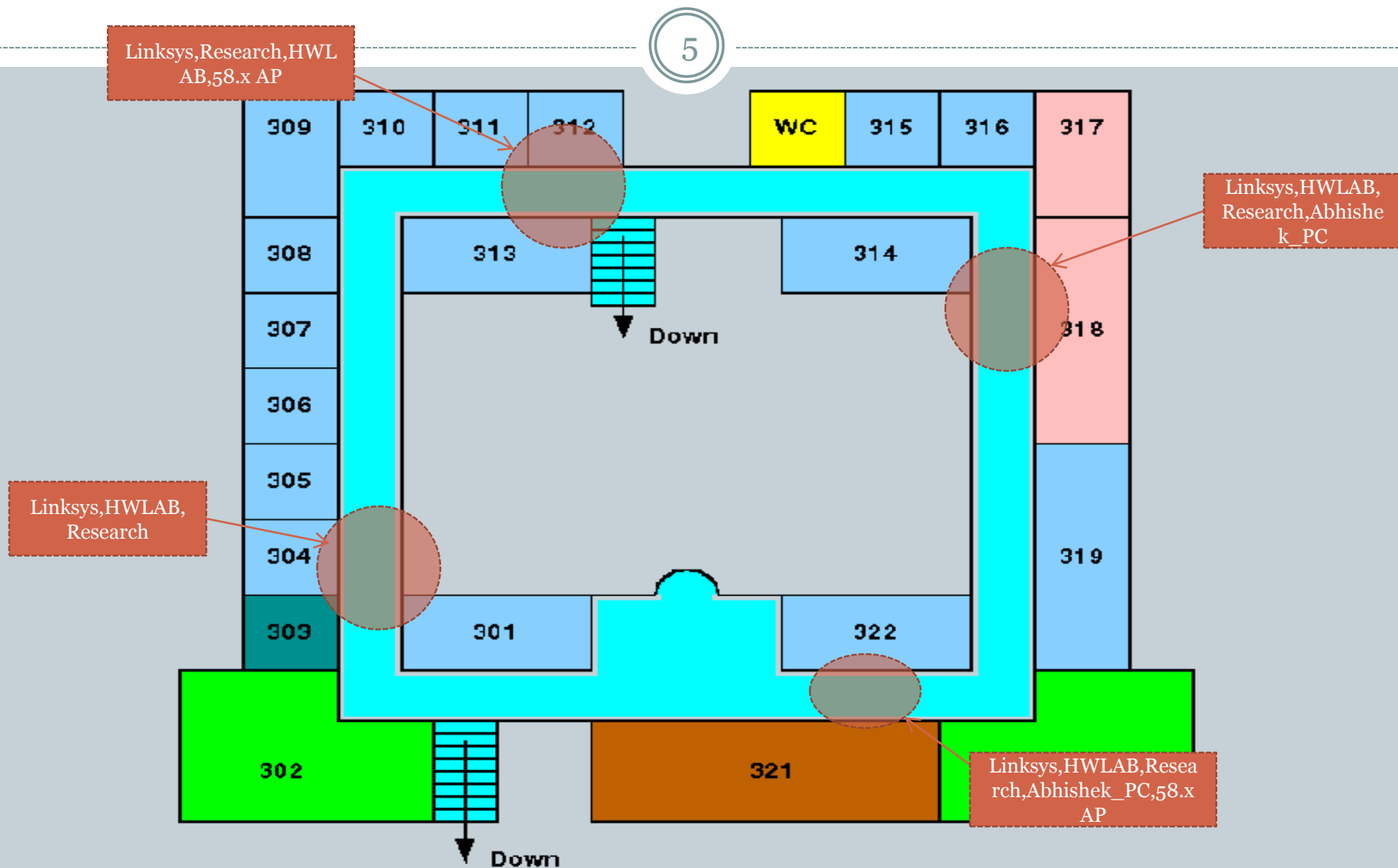
- We have 10 attributes (including 9 sensors' information and time).
- In my experiment , ground truth of locations are associated with timestamps.
- I have used K-means algorithm with Euclidean /city block distance for clustering.

# Landmarks using GSM Signal Strength(Manual)

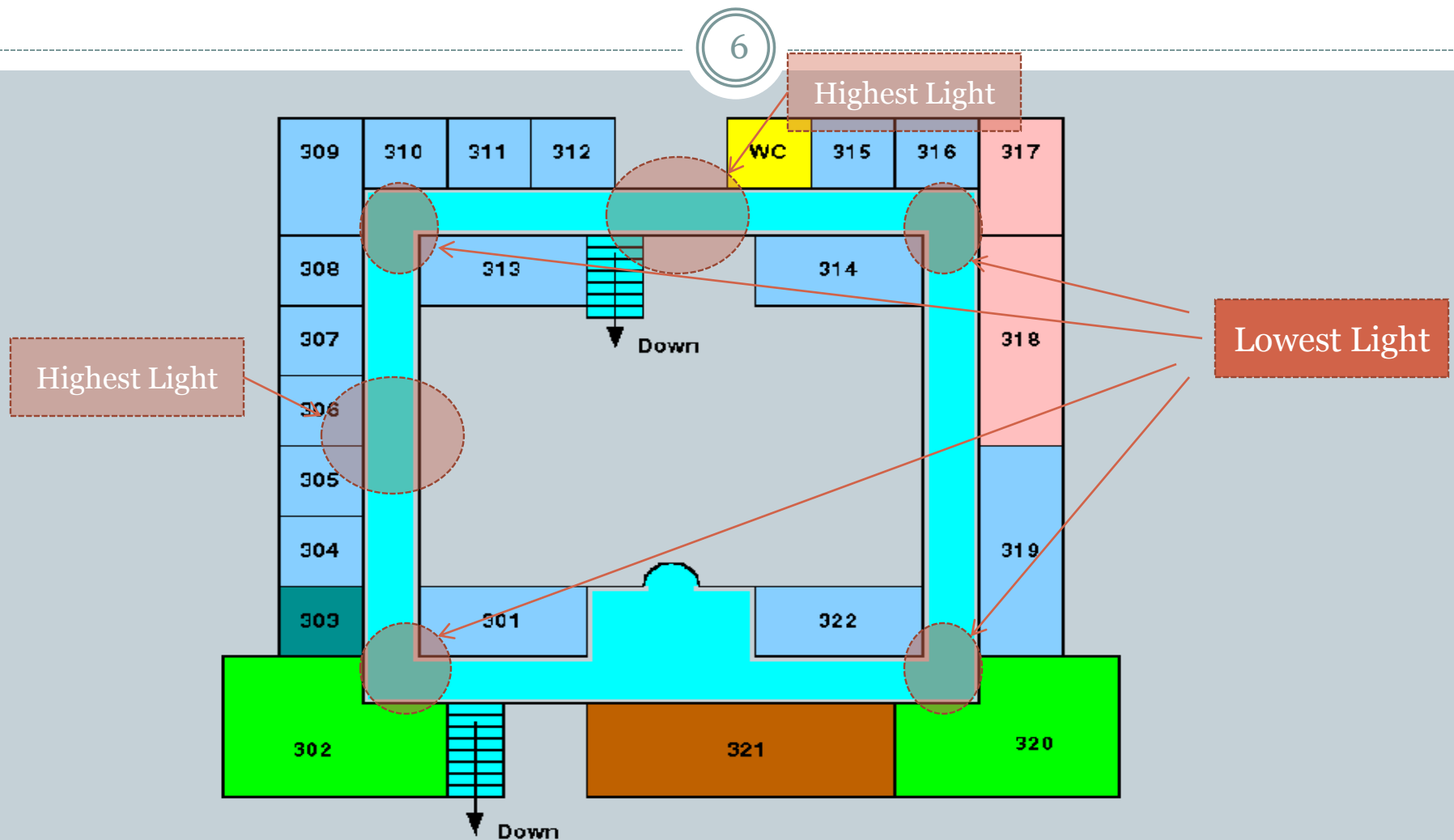
4



# Landmarks using Wi-Fi

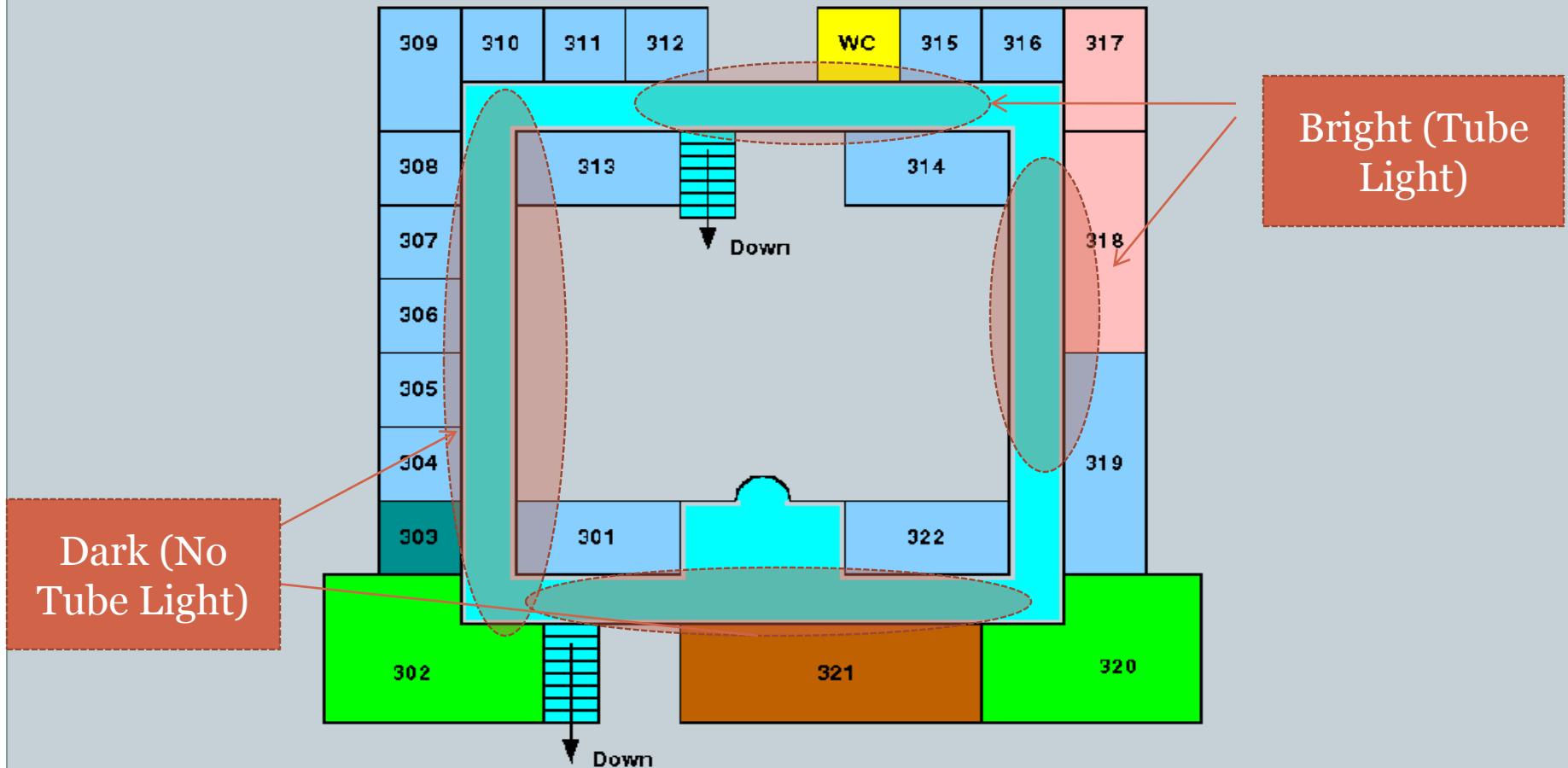


# Landmarks Using Light



# Landmarks Using Light(Night)

7



# Landmarks Using Gyro/Lacc/Magnetometer/Rotation Vector

8

