2) Draw an **online shopping system** use case diagram according to the below main flows: (25 PTS)

* Web customer could be **registered** and **new customer**.
* Registered customer can **view the items**
  + (Registered customer **may** search for items, browse catalog, view items recommended for him/her, add items to shopping cart or wish list)
  + View recommended items and add to wish list both require **customer to be authenticated**. At the same time, item could be added to shopping cart without user authentication.
* Registered customer **can make** purchase if they check out.
* For **check out** process, web customer **should be authenticated**. It **could be done** through user login page, user authentication cookie (‘remember me’) or single sign-on. Web authentication service is used in all these use cases as an external actor, while sign on also requires participation of external identity provider.
* For **check out** they **should finalize payment process**. Payment use case which could be done **either by** using credit card and external credit card payment service or with pay pal.