VIRTUAL REALITY IN SHOPPING
VIRONIC SHOP

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Virtual Reality

- Emulating the real world.
- Making an electronic world seem real.

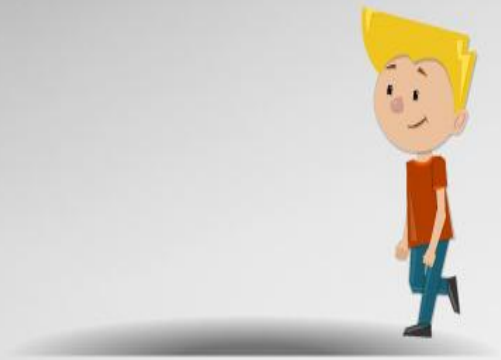
Interactive

- Not static 3D images.
- Not movies.
- Moving within the world.'
- Manipulating objects in the world

Project Idea

- e-commerce with a reality trait by representing products in a 3D format which gives you the ability to hold and examine products online like in a real time shopping store.

Interacte with our VR store



Walk in store

you can move freely by looking down at 40 degree angle.

View product

Replace the pointer on the product and wait for 2 seconds.

Press a button

Replace the pointer on the button and wait for 2 seconds to press on it

Features

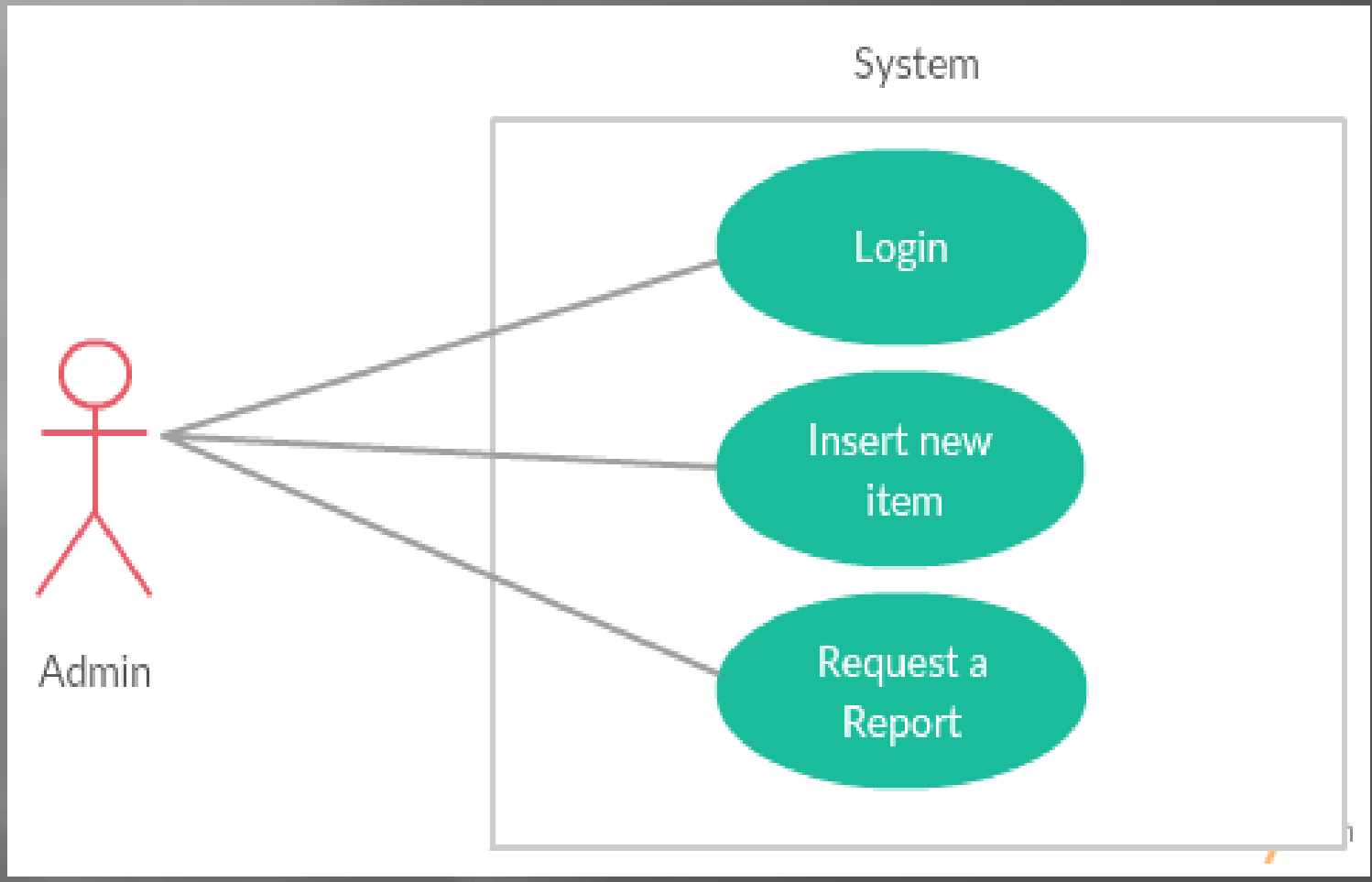
- Traders display their products in a customer attracting 3D form.
- Customers will have the ability to virtually examine products simulating a real life time shopping process via Google cardboard.
- Enhance interactivity between the products and the user.
- Lower hiring and renting costs.

Will v-commerce replace e-commerce?

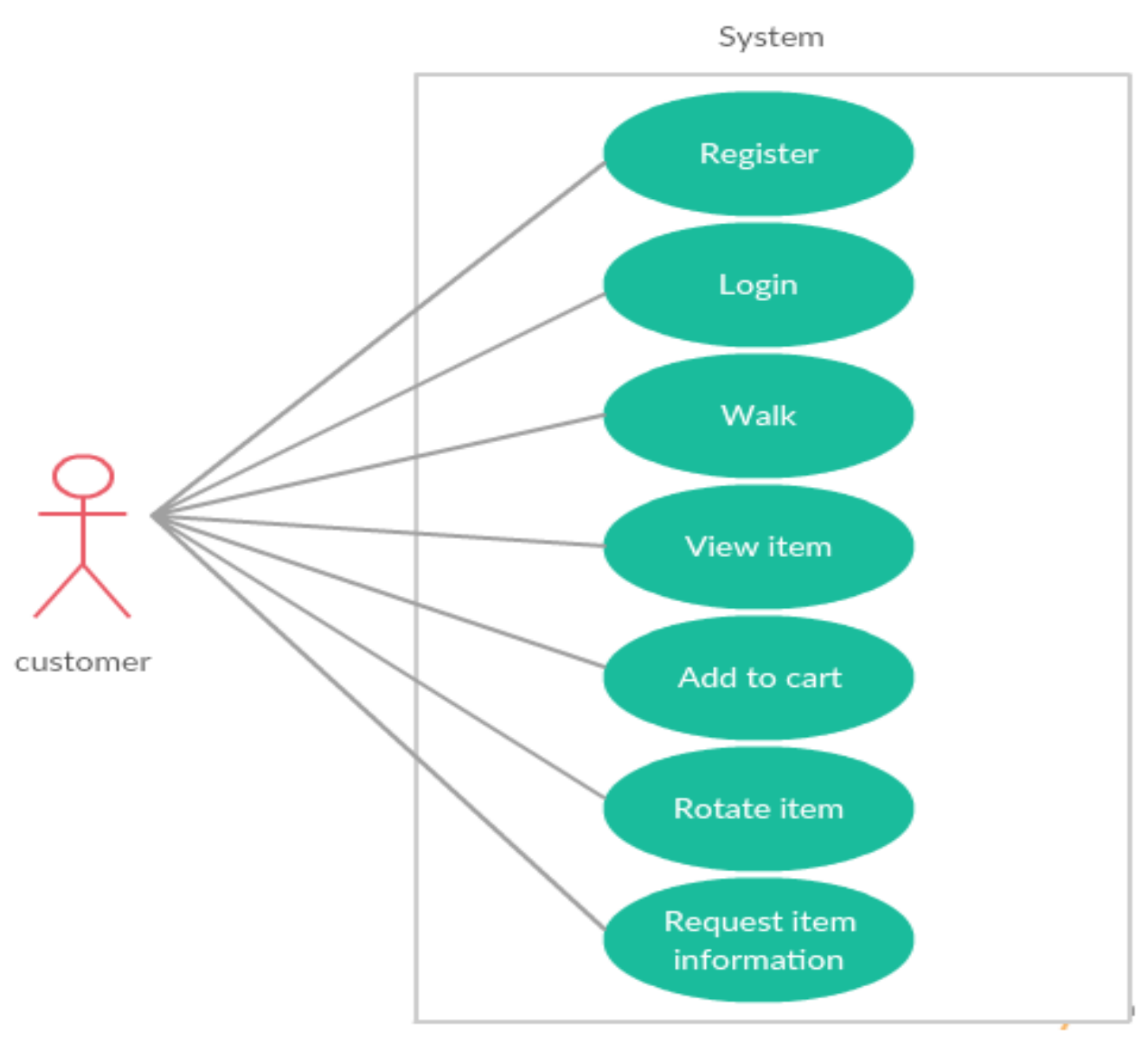
- Virtual reality has been expected to hit the retail industry for some time now.
- More than ⅓ of customers would buy more products if they could try them virtually. Over 63% they would increase their positive shopping experience if they could use VR for browsing.
- Brands (such as Tommy Hilfiger and NARS cosmetics)and EBay have used VR in shopping.

Diagrams

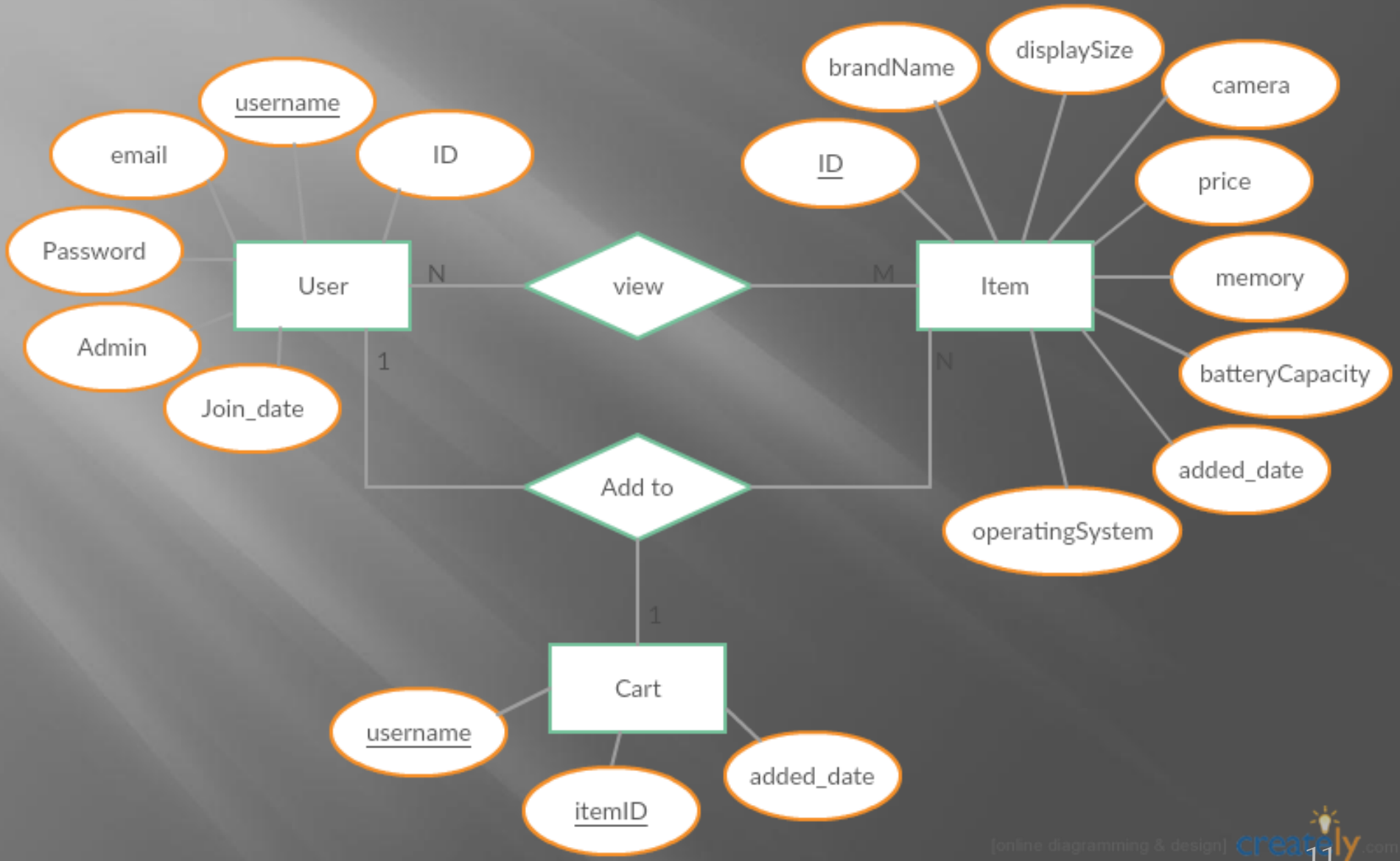
Use case diagram



Use case diagram



ER diagram



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Tools used

unity

3D designs

Visual Studio®

Integrated Development Environment

Code Editor

Photoshop

Photo Editing and Manipulation

XAMPP

Apache Webserver

Challenges

- Instability of Gvr sdk.
- Find the version of unity that is compatible with the Gvr sdk.
- Security.

Future work

- More flexibility in adding new products.
- Customers will be able to buy and pay online.
- Propose suggested favorable devices depending on customers search through the app.

Any
Questions?!