"Smart mirror"

This project uses a "One way mirror" and an old laptop display to create and awesome Smart mirror which also doubles as a personal cloud storage(hosted using OwnCloud server). The project is powered by a "Raspberry Pi 3b" and intended features include:

• A fully functional mirror • A digital calender • Digital News feed • Custom messages • Climate and whether details	Powered by: MagicMirror2
• A personalized google assistant	Powered by: Google's SDK
• A cloud storage server	Powered by: OwnCloud (TM)

The concept behind the basic functionality of the mirror is that a "One way mirror" is used, that is reflective from one side while is see through from the other side.

So theoretically if we overlay a Display Panel from the non-Reflective side of the mirror, we should be able to observe Heavily contrasted graphics projected on the display, on the other side of the mirror along with the normal reflection of surrounding.

The software layer is being operated on a fully functional Raspbian OS. Which is loaded with.

1. MagicMirror 2.0 – for the basic smart mirror functionality. This is a software composed by "MichMich"(https://github.com/MichMich)

2. Google Assistant is installed on top using the SDKs provided by Google

3. And the cloud server facility is achieved by OwnCloud(TM).