

Group Project

Group-5

Proposal:

The greatest online streaming services, Netflix, need to track the viewing behavior of the customers to make sure it provides more exciting content as recommendations customized for individual viewers. Netflix needs a database system to track the viewing activity of kids, adults and teens. Netflix has three types of streaming plans namely basic, standard and premium plans.

The basic plan lets the user watch a standard definition movie, on only one device at a point of time. The standard plan lets user watch a streaming on two devices simultaneously with high definition. This plan also has movie download options. The premium plan lets the user watch the high definition streaming in four devices at a time with an available option of ultra-high definition on select streaming.

The following business rules exist:

An account is association with only one primary user, who pays for it.

An account can have many users. (shared users)

A basic plan lets only one user or device to stream.

A standard plan lets only two devices to stream movies at the same time.

In an account, a kid can watch only children's content.

A teen can watch a kid movie as well as teen content, but not R rated content.

An adult can watch any type of movie including kids and teen content.

If a movie is watched, the related content is shows as recommendations.

The kid user can see only children content as recommendations.

The teen user can see both children and teen content as recommendations.

Adults get all content as recommendations based on their watch history.