App Store Assignment

Entities:

*Application*

* Description: A software program that is designed to do special task on a mobile device.
* Purpose: The purpose of this table is to contain all relevant information about different apps on the app store.
* Attributes: Application ID, Application Name, Author, Downloads, Category, Description, Version Number, Rating, Preview Images.
* Business Rules:

1. A user cannot copy copyright or DRM content from the application.
2. A user below an age limit cannot download the app.
3. A user cannot violate the terms and policies of the app.

*Payment*

* Description: A way to obtain apps that are paid.
* Purpose: The purpose of this table is to keep track of the users that have paid for the app.
* Attributes: Application ID, Application Name, Subscription, Mode of Payment.
* Business Rules:

1. A user needs to input their payment details to get the paid version of the app.
2. A user needs to select their payment details.
3. The payment details should be valid.

*Review*

* Description: Comments made by users on the application to express their views after using the application.
* Purpose: Every app will have thousands of reviews that needs to be categorised.
* Attributes: Application ID, Application Name, Comments
* Business Rules:

1. A user shouldn’t use inappropriate words to describe the app.
2. There is a word limit on the comments of 256 characters.

*Users*

* Description: People who download and use the application
* Purpose: Save the user details and account details.
* Attributes: User Id, User Name, Downloaded Applications, Bank Details
* Business Rules:

1. A user should have an account to download applications from the app store.
2. A user should give details about their age while creating the account.