1. With EF Code First, what happens if the model and database are not in sync?

EF will throw an exception.

1. What happened after the Rating field was added to the model and pages, but before migration to the database schema?

The program throws an exception of an invalid column name of Ratings.

1. In regards to updating the schema, what's the major issue with having Entity Framework automatically drop and recreate the database with the changed model?

If you allow Entity Framework to automatically drop and recreate the database you will lose all your data stored within that database.

1. Briefly and at a high level, summarize the steps involved when a new field is required.

When a new field is required we need to assure that our model and our database stay the same so, we must update the database schema to match our new model.