**3. System Analysis**

**3.1 Existing Application**

OkCupidis a U.S.-based, internationally operating [online dating](https://en.wikipedia.org/wiki/Online_dating_service), friendship, and formerly also a [social networking](https://en.wikipedia.org/wiki/Social_network_service) website and application. It features multiple-choice questions to match members. Registration is free.

**Drawbacks**

* It is not easy to create an account instantly because it does not allow any other information from google or Facebook or any other applications.
* Since there is no verification procedure anyone can create a profile and send messages for free, some people on the site aren’t serious about actually meeting someone
* There is a mandatory questionnaire a user needs to attempt.
* There's no function to remove the answers once they have been answered, but they can update their answers.
* Due to this update action, people can tamper with the compatibility percentage of their will.
* There's no way to bulk reset all answers before account deletion, which may cause privacy issues for users who wish to leave an empty account before they delete it.
* messaging feature is available for everyone which makes some users feel uncomfortable.
* There are major security issues and many lawsuits are filed in name of this company regarding customers’ privacy.

**3.2 Proposed Application**

Tinder is an online dating and geosocial networking application. Users anonymously “swipe right" to like or "swipe left" to dislike other users' profiles, which include their photo, a short bio, and a list of their interests. Tinder uses a "double opt-in" system where both users must have "swiped right" to match before they can exchange messages.

**Advantages**

* It allows users to create an account using google, Facebook or phone number.
* Verification procedure is available to ensure the safety of the user and providing best user experience.
* No questionnaire is required to create an account.
* Messaging feature is not mandatory for everyone, it’s user choice to enable/disable messaging option.
* It protects data of the users and provide best user interface
* The swiping option provided in this app is introduced by this application.

**3.3 Technical specifications**

Tinder is currently available on [iOS](https://itunes.apple.com/us/app/tinder/id547702041?mt=8), [Android](https://play.google.com/store/apps/details?id=com.tinder&hl=en), and [HMS](https://huawei-hms-apk-distro.s3.amazonaws.com/2021/09/23/Tinder-12.18.0-b4335-huawei-huaweistore-release.apk) devices. Along with mobile apps, users can visit [Tinder.com](https://tinder.com/) to use Tinder for Web.

Tinder also offers a lightweight version of Tinder users can take anywhere and everywhere.

**3.3.1 Software Requirements**

Tinder currently supports iOS 12.0 and up, Android 7.0 and up, and the latest versions of all major web browsers (Chrome, Firefox, Safari, Edge, etc.).

**93.3.2 Hardware Requirements**

For iOS devices basic requirements are

* 1GB RAM and up
* 16 GB memory and up

For Android devices basic requirements are

* 512 MB and up
* 850 MB and up
* 1Ghz processor