Coding requirements:
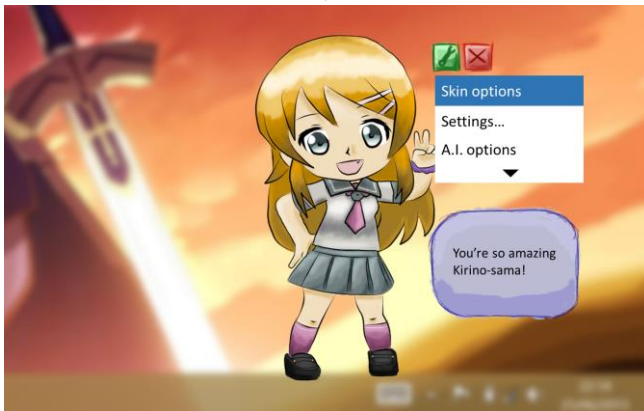
i. Application to be written in java (as recommended by Websplines Canada).
ii. Artificial intelligence may also be written in java.

Artificial intelligence requirements:

i. The AI must be able to read what user is reading on his/her desktop (i.e. a webpage on an internet forum) and respond accordingly to the stimuli.
ii. AI must be able to have basic conversations with the user, such as talking about his/her day.
iii. AI must be able to remember core events and dates that relate to the user, such as their birthday for example.
iv. It is a MUST that users will be able to add their own behaviours by matching predefined user actions to predefined counter actions in an easy and non-confusing way.
v. Again, the AI in this project needs to be largely customisable and there will be a large emphasis on it.
vi. Source AI file should be readily available for users to grab hold of and edit.

General requirements:

i. Waifu shall exist on desktop beside other windows and what not.

(Example showing various tool tabs and chat input, which will be brought up by double clicking on your waifu)

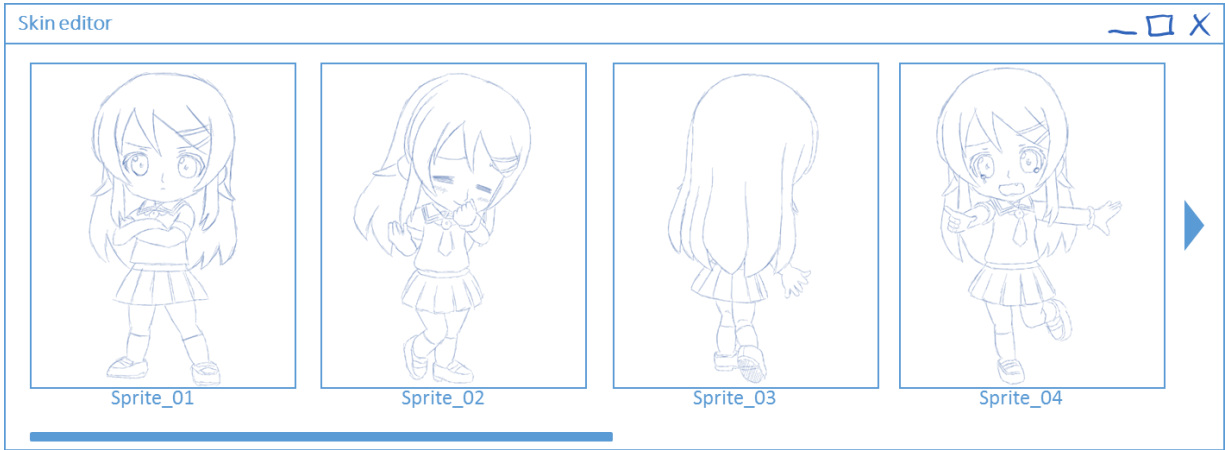ii. Waifu must converse with user **[this is also covered in AI section].**

(Another example of waifu commenting on an internet post)

iii. Waifu sprites will now be at 400x300 resolution.
iv. Settings tab will control simple things such as having your waifu run on start up, appear on top of other windows, etc. I'm sure if you use your imagination will not need to be provided with a wire frame for the settings window *(just needs to be a simple window where users can tick off/on each setting).*
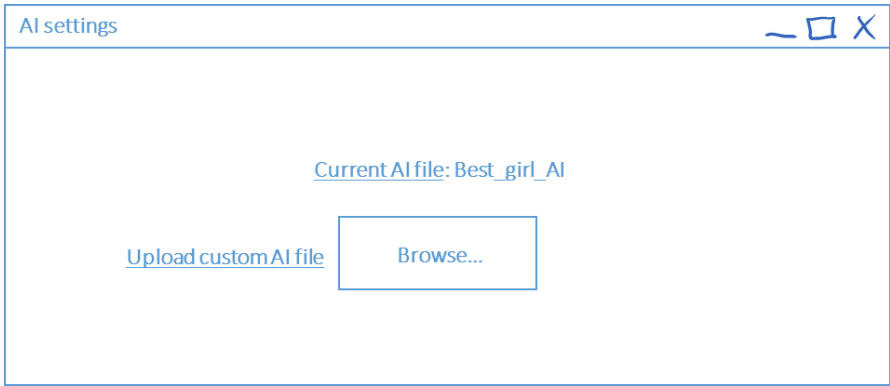
v. Backups of waifu's data will be automatically made on user's hard drive or preferred location which will be manageable in the settings tab mentioned previously.

vi. Users will be able to make and use their own custom skins for their waifu, which will be controlled under the skin options tab shown in first picture above.

Skin editor

Sprite_01   Sprite_02   Sprite_03   Sprite_04

(Rough sketchup of skin editor window, which will allow the user to upload up to 10 or more sprites to express with action/emotion their waifu does)

vii. You will not be required to draw the actual sprites, just a filler at the desired resolution will do

viii. As previously mentioned, users will get to edit and use their own customised AI files

AI settings

Current AI file: Best_girl_AI

Upload custom AI file   Browse...

(Wire for AI settings window)

ix. Custom icons such as ones shown in first few pictures will be provided, however for everything else just use standard themes.

x. Would also like to see some basic anti-piracy measures implemented, though not absolutely necessary; it would be nice to have added security.