Proposer (s)	**Le Fleur King**
Proposed Project Title (System Name)	Rosy Outlook
Target market	Users in need of a positivity boost, but mainly young adults.
Platform	☐ Desktop ☒ Mobile / Tablet ☐ Web-based ☐ Hybrid (please specify i.e. website combined with a desktop or mobile interface) _____

System objective (Business problem to be solved and description of what system should do)

The main objective of the system is to promote positive thinking and to use gratitude to make you feel better. At midnight every day the system will share a positive affirmation with users, referred to as a 'Rosebud' because this is the first bit of positivity they receive, and it will help their day bloom into a good one. Influential users can also share Rosebuds throughout the day. The system will store these Rosebuds and could reuse them. At the end of each day the system prompts the user to share what they are happy about or grateful for on that day. This prompt is referred to as 'Blooming Gratitude'. The system will issue Blooming Gratitude at 14:00 and the user can answer it at any time after that. Once the user has answered, their answer for the previous day will no longer be visible to other users. The user is, however, able to view their own previous answers to Blooming Gratitude. Users can comment on Rosebuds and Blooming Gratitude, this is referred to as 'Petals'. Users can add friends.

Nice to have: Admin checking that comments are actually positive.

List of entity classes (problem domain classes) – What data needs to be stored

Users, Rosebuds, Blooming Gratitude, Petals

List of essential use cases

Register Account, Log in, Post Rosebud, View Rosebud, Post Petals, Answer Blooming Gratitude, View Blooming Gratitude History, Add Friend

Proposed Implementation Tools & Motivation

	Motivation for choosing these implementation tools:
Database (MS Access, SQL Server, MySQL …..): SQL Light, DB browser, MySQL **Development Environment (C#, ASP, Java …):** Java IntelliJ and Android Studio **UML modelling:** Visio	With the knowledge we have acquired from first year up until now, we are hoping to create and implement an application that would help in promoting positivity. We will be using SQL Light, DB browser and MySQL as they work best with mobile applications. To try and keep things consistent with what we are currently learning/ doing in classes we decided to make use of IntelliJ and Android Studio. We also decided to make use of Visio as a modelling tool as we have experience using it. And finally we are making use of Git as it is a

Version Control: git	free to use, open source distributed version control system that is designed to handle everything from small to large projects with speed and efficiency, that out classes its competitors.