



Assignment3 write-up

In my program, the main class is **EmailGenerator**. It handles user's input and throws exceptions if user's input is illegal. Here, the Exception is **LackOfArgumentException**. It means that the information provided by the user is not enough to generate the new emails. This main class is dependent on following five classes:

1. **CustomerData** : used to generate customers' personal data from csv file. (This class will throw **NeededDataNotProvidedException** if the csv file doesn't contain enough customers' personal information to replace the email template placeholder)
2. **GeneralData**: store general information for the email-template's placeholder
3. **TemplateModifier**: replace the placeholders in a template with replacement information.
4. **EmailFormat**: separately store the information for writing an email, including subject, sender's nickname, receiver's email address and text.
5. **EmailSender**: used to send an actual Email.

A graph to show the relationship between these classes is on the next page.

This program allows for sending actual e-mails.