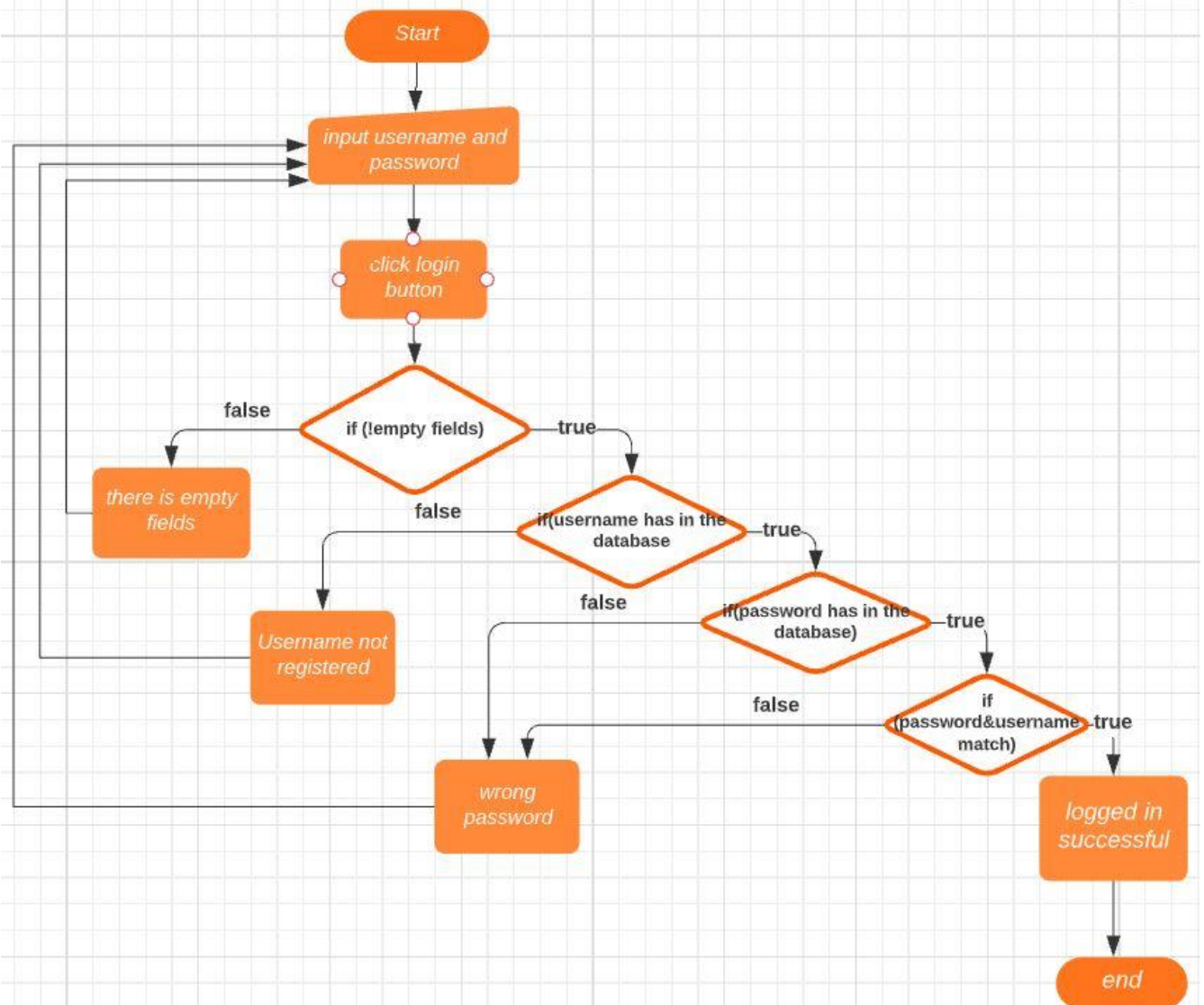# Flow Chart For LogIn Credentials

1. start
2. The user types his/her username and password in the input text.
3. The user will click the button login.
4. If there are no empty input fields. Return true.
   If there are empty input fields. Return false and tell the user that there are empty fields and return to the input username and password
5. If username has in the database return true.
   If the user has not in the database return false. It means the username is not registered yet.
6. If password has in the database return true
   If password has not in the data return false. The password is wrong, and the user need to retype the password
7. If the username that is in the database match with the password that are in return true.

If the username that is in the database is not match with password means the current user has a same password to another user and it will return false and wrong password.

8. Logged in successful
9. End.

Material used and references:

- LucidChart
- https://www.lucidchart.com/pages/landing?utm_source=google&utm_medium=cpc&utm_campaign=_chart_en_tier3_mixed_search_brand_exact_&km_CPC_CampaignId=1484560207&km_CPC_AdGroupID=60168114191&km_CPC_Keyword=lucidchart&km_CPC_MatchType=e&km_CPC_ExtensionID=&km_CPC_Network=g&km_CPC_AdPosition=&km_CPC_Creative=442433234360&km_CPC_TargetID=kwd33511936169&km_CPC_Country=9067256&km_CPC_Device=c&km_CPC_placement=&km_CPC_target=&gclid=CjwKCAiAg6yRBhBNEiwAeVyL0CjaB8kwcjzF3TtXnaICQMmSbIWOd2pRYzsAf_KDteg33UnmW3GbRoCkeQQAvD_BwE