<u>Report - Second Assignment</u>

StackDroid.
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The classifier creates a features dictionary from dataset which represents a set of benign and malware features.
For dictionary creation, the classifier count the last word of permissions, services, intents, activities which are a sequence of words as a feature. So that, during dictionary creation, only the last word has been considered.

So we thought we could exploit it and after the feature (permissions, services, intents, activities) we add another legal word so it won't be the last word.
StackDroid detects these features: 'api_call' ,'feature', 'url', 'service_receiver', 'permission', 'call', 'intent', 'real_permission', 'activity', 'provider'.
So we can use more features such as: 'GET_RESTRICTION_ENTRIES', 'DATE_CHANGED', 'DELETE' and more.

To find the weak spot we read the article and looked for weak spots, such as features. and in the code we could see exactly which features StackDroid uses.