**MADT Lab #2**

**Word Counter App**

You will need to use „Android Studio” IDE in order to create application which will count words and characters in the entered text. Application should meet the following requirements:

**Common part:**

1. Variables, functions and other elements should have meaningful names (e.g. *txtName* vs *EditText1*);
2. Code should follow ***Java***coding standards;

**Special part:**

1. Text should be entered into *TextEdit* element;
2. *Spinner* element should be used to define what to count (words or chars);
3. Counting should be done when *Button* element is clicked;
4. Results should be shown in the *TextView* element;
5. Words/characters counting should be executed ***not*** in the main Activity i.e. separate class in separate \*.java file should be created for that.
6. Words in the entered text can be separated by spaces, commas or dots;
7. Text (Label) for GUI elements should be taken from ***strings resource file***.
8. Application should validate the entered text (if string is not empty). If the string is empty, then warning should be shown by using *Toast* element;