Problem 1:

Framework: Any nlp tool (Preference: spaCy), Python,
Given a training dataset. Create a NER model for following labels:
- **Loan**
- **Home**
- **Overseas**
- **Renovation**
- **Refinancing**
- **Property**

For a user query "can i loan for property in philippines?", the output from your NER model is Loan, Property and Overseas.

Problem 2:

Framework: Any nlp tool (Preference: spaCy), Python
Create a WSD model for identifying the intent of a token in a context
- **Deposit**
   - **Deposit is a word which a have three meanings. Deposit is a money, Deposit is an account, Deposit is a process.**
     Sample query: I want to deposit money in my deposit.
     How much deposit i can deposit to my deposit?

Your module can disambiguate and identify the sense of each "deposit" word.

Problem 3:

Framework: Any nlp tool (Preference: spaCy), Python
Create a spell correction module which will correct the words depending on the context/domain.
Domain : IT support
User query: I want to connect my wife.