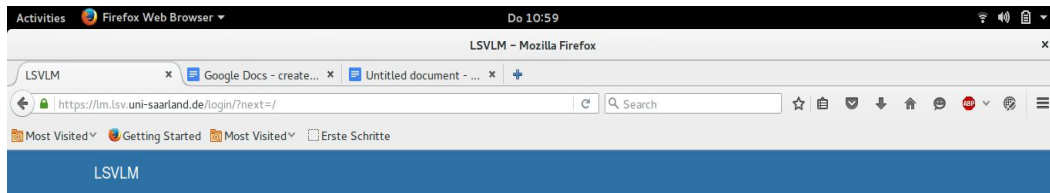
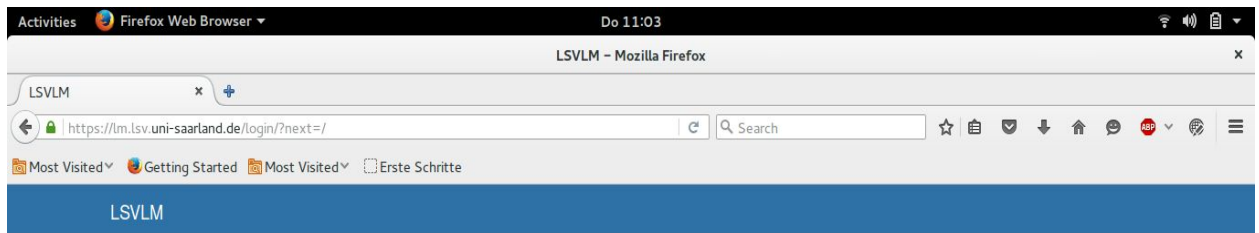


Paper Prototype: Run Experiments - View Surprisal Graphs - Input Text:

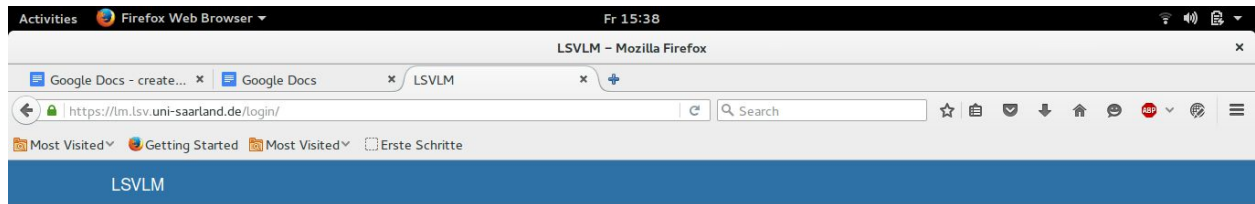
1. The researcher logs onto the 'LSVLM' GUI website.

A login form titled 'Log in' in a light gray box. It contains two input fields: 'Username' and 'Password'. Below the password field is a checkbox labeled 'Remember me'. At the bottom of the form is a blue button labeled 'Sign in'.

2. The researcher enters his/her user-id and password

A login form titled 'Log in' in a light gray box. The 'Username' field contains the text 's8sagang@stud.uni-saarland.de'. The 'Password' field is filled with ten black dots. Below the password field is a checkbox labeled 'Remember me'. At the bottom of the form is a blue button labeled 'Sign in'.

3. The Researcher enters wrong user id password.



Log in

The username or password is incorrect.

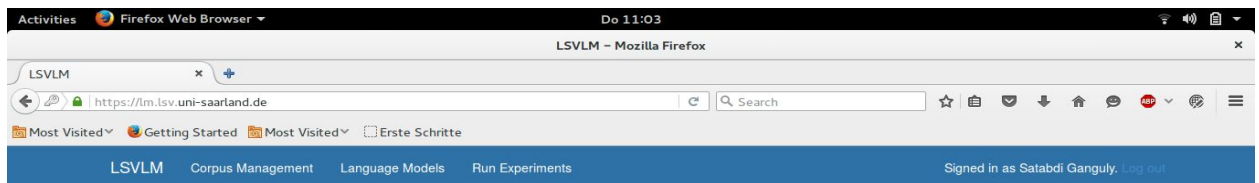
Username

Password

☐ Remember me

Sign in

4. The system displays function groups, namely, Corpus Management, Language Models, Run Experiments.



LSVLM

Corpus Management	Language Models	Run Experiments
Upload new corpora files Edit and view existing corpora	Create and edit language models Train language models Download ARPA output for an LM	Run experiments on test corpora using a trained language model



5. The researcher selects “Run Experiments”.

The screenshot shows the LSVLM web interface in a Firefox browser. The address bar displays <https://lm.lsv.uni-saarland.de/experiments/>. The navigation bar includes links for LSVLM, Corpus Management, Language Models, and Run Experiments. The user is signed in as Satabdi Ganguly. The 'Run Experiment' form has three sections: 'Language Models' with a list of models (PTB Bigram, PTB Trigram, PTB Unigram, ptb0.9-0.9-0.7), 'Test Corpora' with a list of corpora (PennTreeBankUnkifiedTrain, PennTreeBankUnkifiedTest, news2007.dev, news2007.test), and 'Input Text' with a text area. A blue 'Run' button is at the bottom.

Run Experiment ▾

Language Models

- PTB Bigram
- PTB Trigram
- PTB Unigram
- ptb0.9-0.9-0.7

Test Corpora

- PennTreeBankUnkifiedTrain
- PennTreeBankUnkifiedTest
- news2007.dev
- news2007.test

Input Text

Enter some test text here.

Run

6. The Researcher hits the “Run” button by mistake, “Please select at least one trained LM” and “Please enter an non-empty input text” error messages are displayed.

The screenshot shows the LSVLM web interface after clicking the 'Run' button. The 'Language Models' list is highlighted with a red border, and a red error message 'Please select at least one trained LM.' is displayed below it. The 'Input Text' text area is also highlighted with a red border, and a red error message 'Please enter a non-empty input text.' is displayed below it. The 'Run' button is still visible at the bottom.

Run Experiment ▸

Language Models

- PTB Bigram
- PTB Trigram
- PTB Unigram
- ptb0.9-0.9-0.7

Please select at least one trained LM.

Test Corpora

- PennTreeBankUnkifiedTrain
- PennTreeBankUnkifiedTest
- news2007.dev
- news2007.test

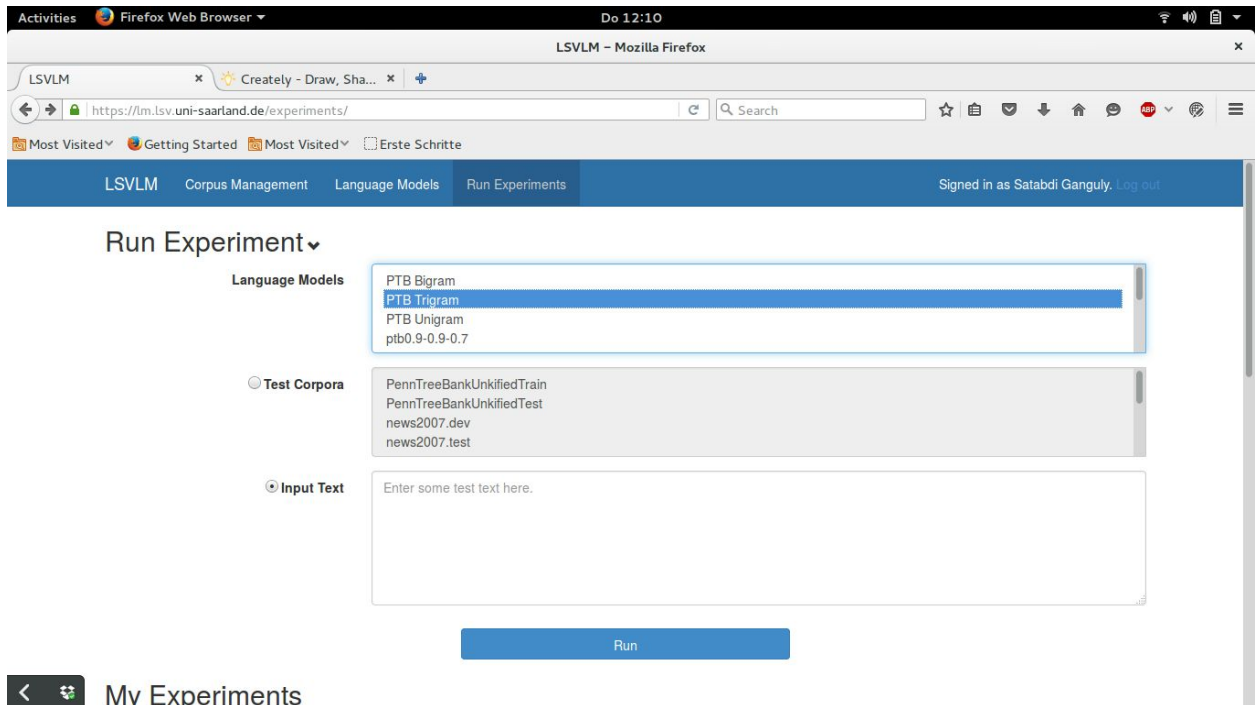
Input Text

Enter some test text here.

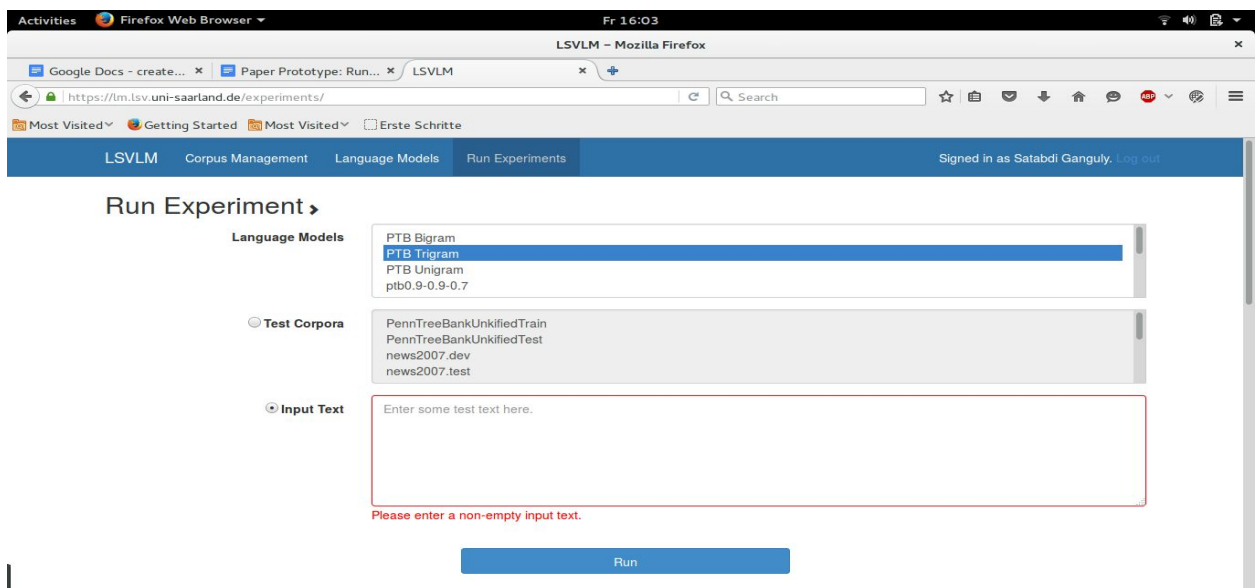
Please enter a non-empty input text.

Run

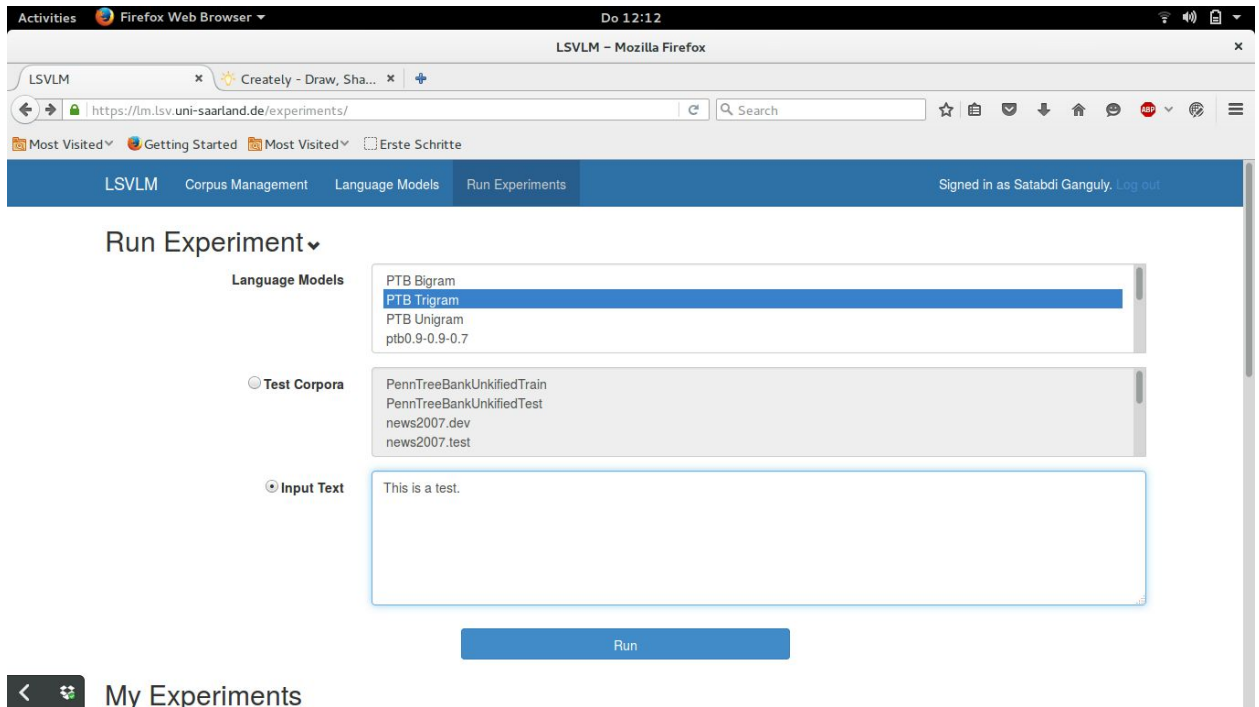
7. The researcher selects one or more pre-trained language model from a list.



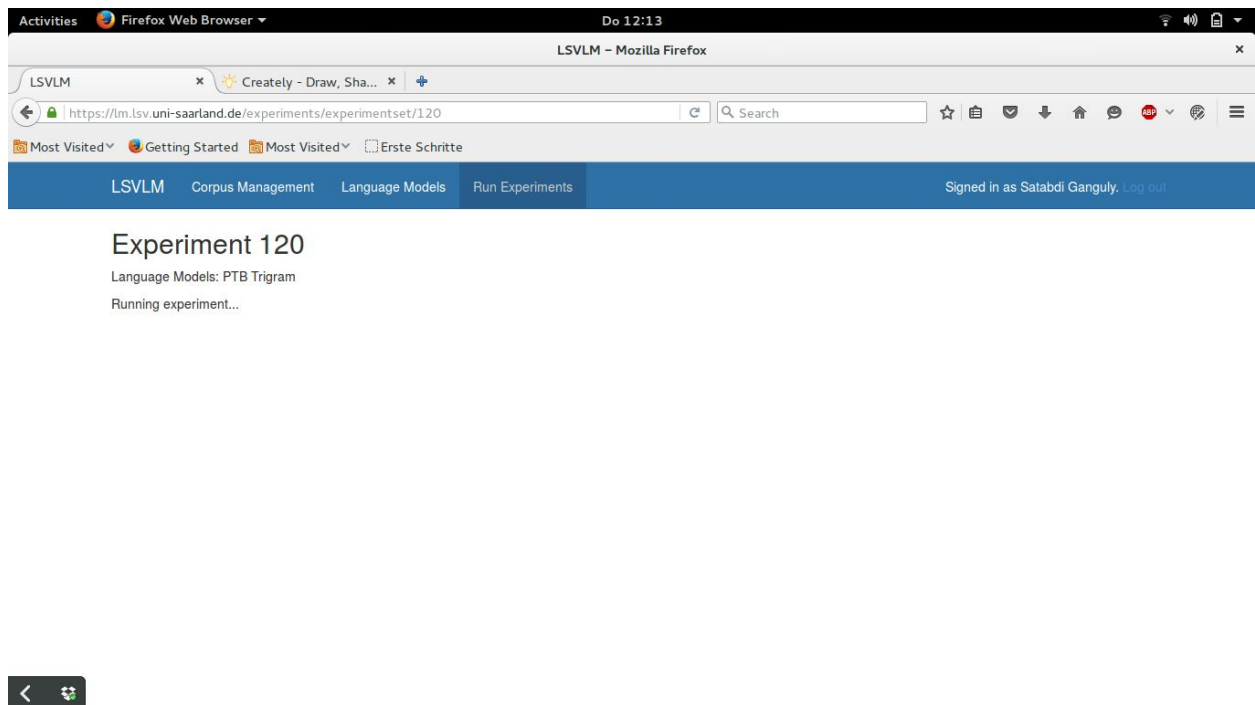
8. The researcher selects the "Input Text" radio button, does not enter any text in the input box and hits the "Run" button. "Please enter a non-empty input text" error message is displayed.



9. The researcher fills in a string in the Input Text input box.



7. Select the "Run" Button



8. The Surprisal Graph is generated.

