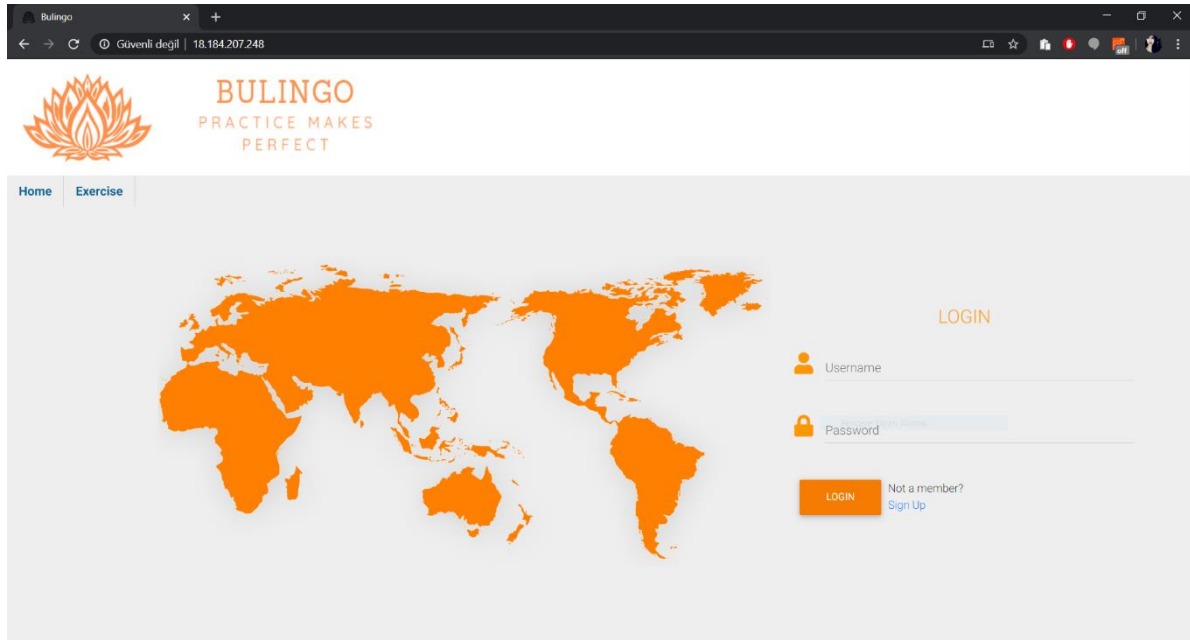


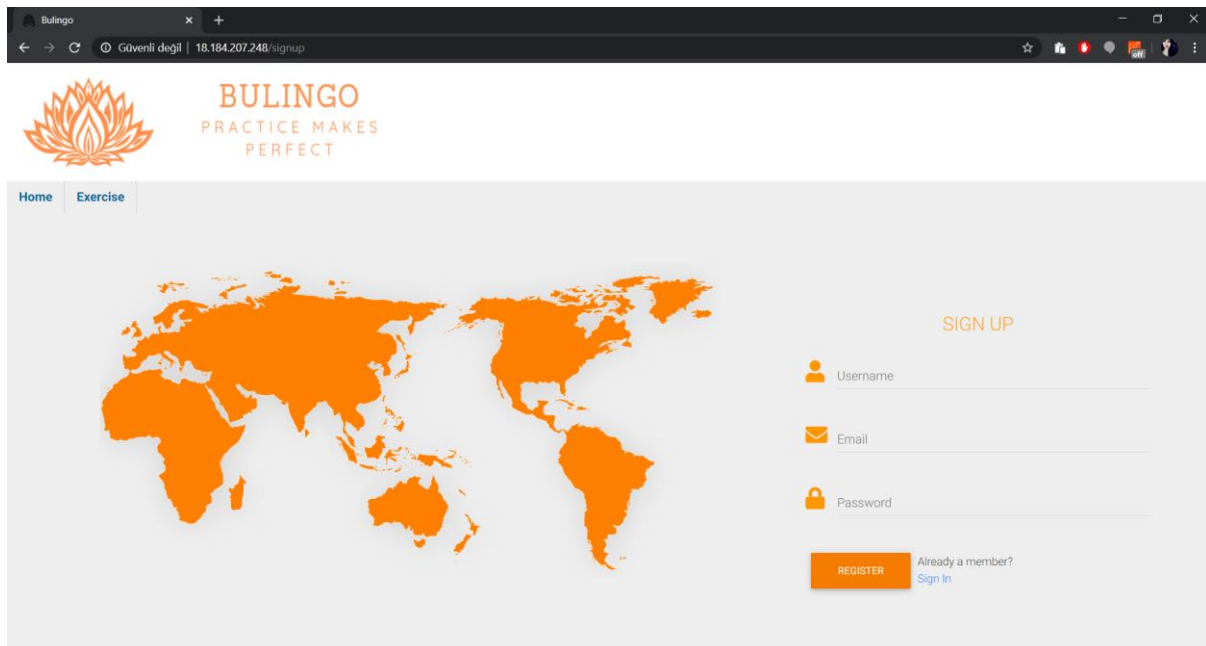
User Manual

Web Application

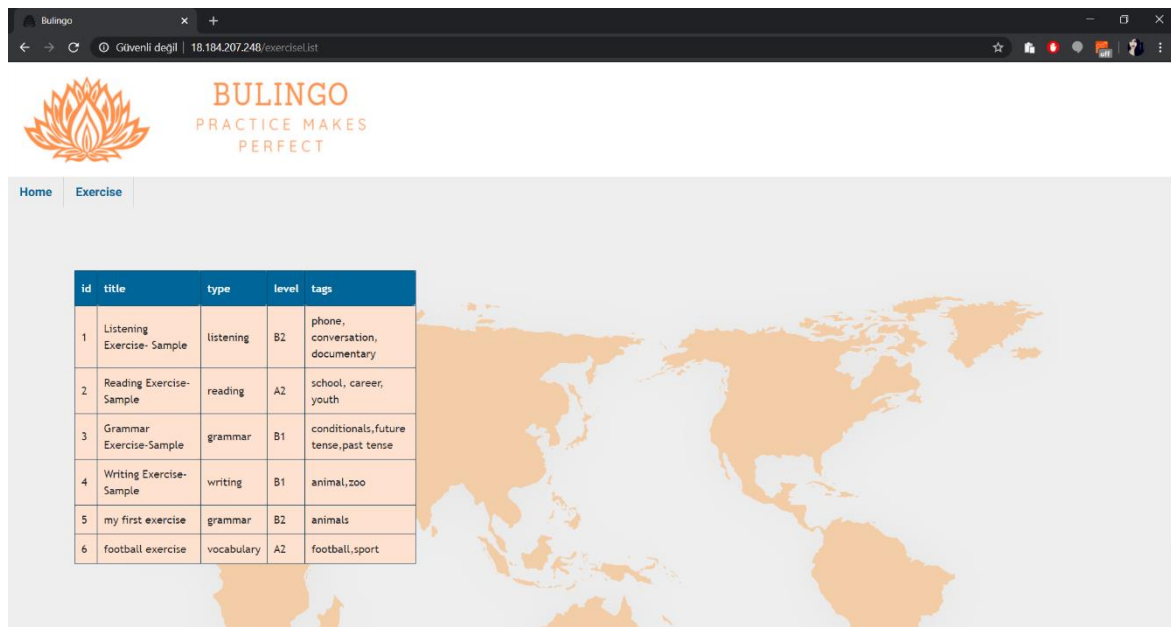
To use our web application, go to <http://18.184.207.248/>, the first page you encounter is the login page, If you are a registered user sign in with your username and password that you specify during the sign up process.



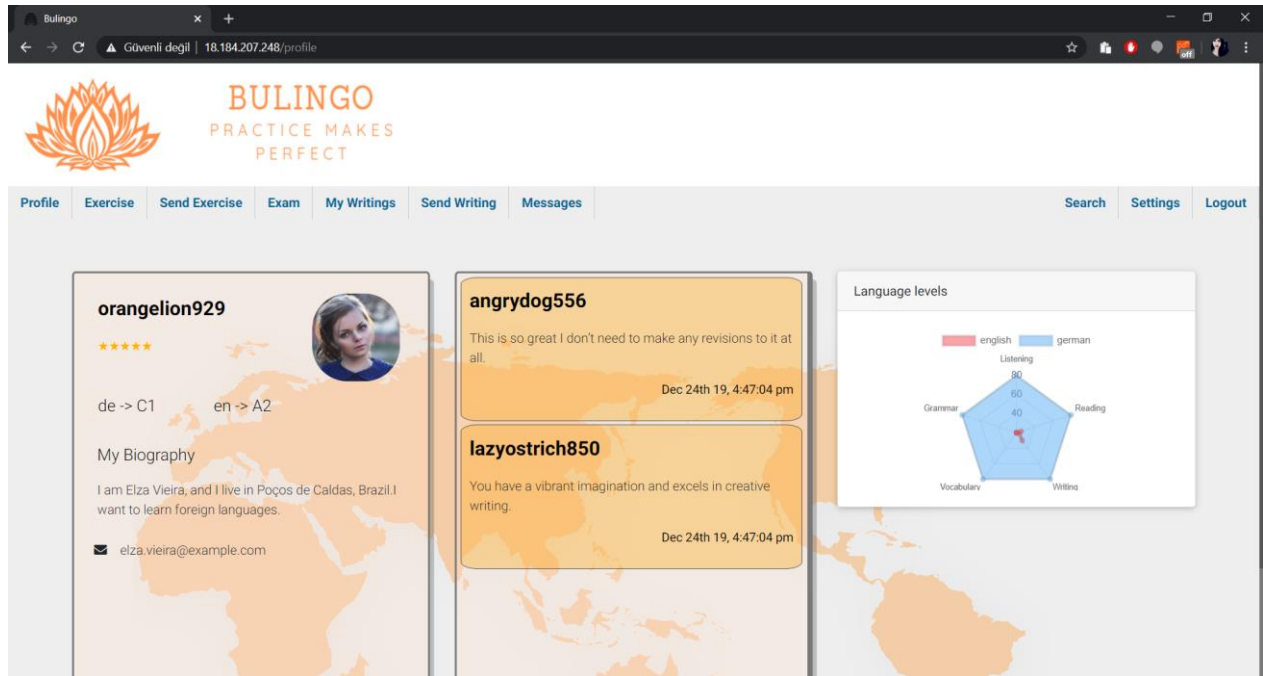
If you are a guest user you can go to Sign Up page by clicking the blue [Sign Up](#) label next to the LOGIN button or see a list of the exercises as a guest by clicking the [Exercise](#) button on the navigation bar.



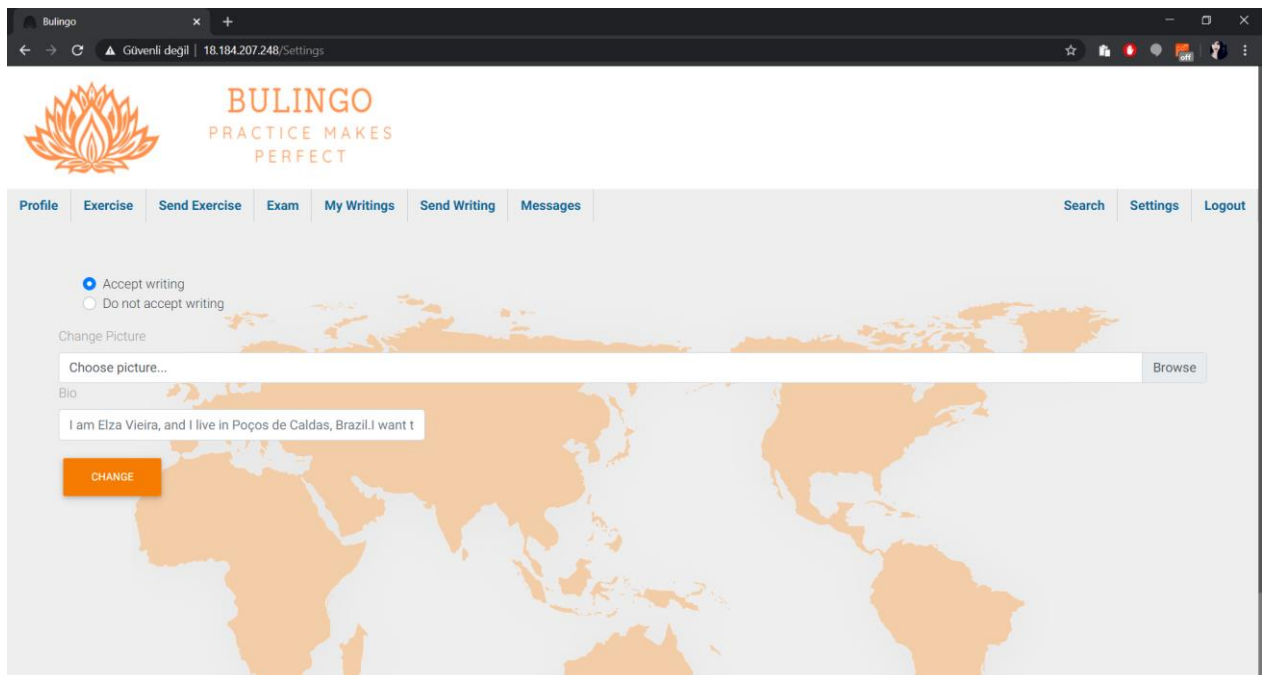
In the exercises page for a guest user first you can select the language and then see a list of all exercises for that language, to access these exercises you must create an account.



After you register and log in, you can see your profile page. From the profile page most of the functionalities of the application are available. From the profile page you can see your language progress in the radar chart (right side of the page), the comments done to you (middle section) and your profile picture and biography (right side of the page). From the navigation bar you can access to exercises (only the exercises in your level is accessible here), send exercise page to create and submit your own exercises, exam page to take level determination exam, my writing page to see and annotate the writings you sent to other people and the writings other people sent to you, messages page to see your personal messages, search page that you can search exercises related to a keyword or users, and the settings page where you can customize your biography.



Let's start with settings, In the settings page you can change your biography, profile picture and specify your preferences about accepting the writings from other users or not. By clicking the CHANGE button, you can submit your changes.



The next page is the exam page, firstly you must choose the language of the level determination test with a similar process to choose exercise language selection stated above. After the selection there

are multiple choice questions, and after choosing the correct answer for all the questions you should click to the submit button for evaluation. Your score will appear on the top of the page.

The screenshot shows the Bulingo website interface. At the top, there is a navigation bar with links: Profile, Exercise, Send Exercise, Exam, My Writings, Send Writing, Messages, Search, Settings, and Logout. The main content area displays three multiple-choice questions, each with a title and four options. The background features a world map.

1. Because of its power and potential for both harm and good, ----.

- ☐ modern meteorology has made notable improvements in the critical discipline of predicting severe weather
- ☐ meteorologists are the only professionals who can keep their jobs and still be wrong half the time
- ☐ scientists have studied cloud seeding with the goal of making it rain in places experiencing prolonged droughts
- ☐ the weather has been a subject of intense interest and scrutiny by human beings since ancient times

2. Although alchemy began as a way to turn other metals into gold, ----.

- ☒ it matured into a system of thinking about nature that contributed to the development of modern chemistry
- ☐ alchemistic ideas and practices flourished in the ancient world within several cultural traditions
- ☐ a number of spectacular failures eventually led to the disappearance of alchemy in China
- ☐ alchemists continued in their relentless quest for gold well into the sixteenth century

3. Forensic investigators must collect evidence while the crime scene is still fresh ----.

- ☒ even if the area is unsafe and they have to work under armed guard
- ☐ although it is the job of forensic scientists to provide evidence at a criminal trial
- ☐ as many sciences, from chemistry to engineering, are used in an investigation
- ☐ since forensic scientists study evidence at the homes and workplaces of suspects

The screenshot shows the Bulingo website interface with a language selection dropdown set to "English: B2". The main content area displays five multiple-choice questions, each with a title and four options. The background features a world map.

3. Forensic investigators must collect evidence while the crime scene is still fresh ----.

- ☒ even if the area is unsafe and they have to work under armed guard
- ☐ although it is the job of forensic scientists to provide evidence at a criminal trial
- ☐ as many sciences, from chemistry to engineering, are used in an investigation
- ☐ since forensic scientists study evidence at the homes and workplaces of suspects

4. Although the available evidence shows no use of colour or decoration on early footwear, ----.

- ☐ the existence of twenty-five-thousand-year-old clothing suggests that footwear may be older than is even presently known
- ☐ the elaborate weaving on some shoes seems to indicate that prehistoric people would care about the appearance of the shoes
- ☐ prehistoric shoes had to resist heavy usage, whether made from leather or from plant fibers
- ☐ the oldest known shoes are ten-thousand-year-old sandals found in a desert area of eastern Oregon of the US

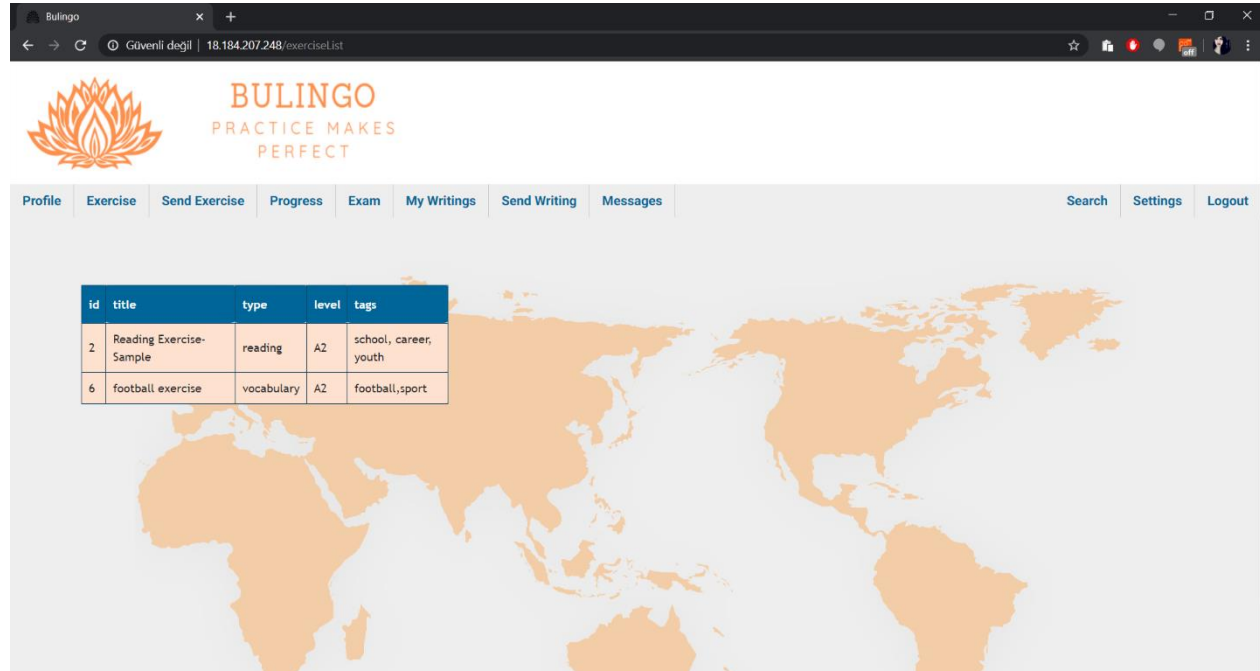
5. Some birds build nests simply to protect their young ----.

- ☐ since many small animals that live above the ground make their homes in trees
- ☐ given that they make mud huts that are placed in all kinds of places, from undergrowth to fence posts
- ☐ until they have learned how to look after themselves and survive in the wild on their own
- ☐ while colonies of wasps build their nests from the top downward

A green "SUBMIT" button is located at the bottom of the page.

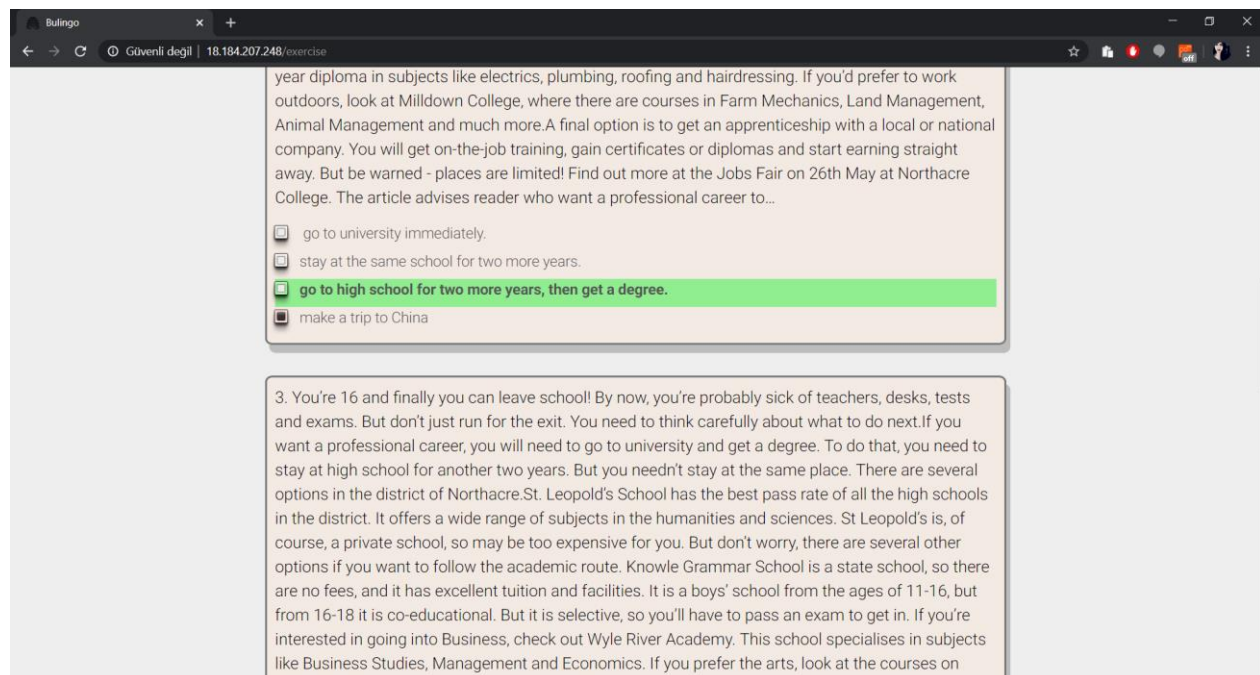
After completing the level determination exam, you can see the exercises in your own level and work on your skills. To do so click on the exercises in the navigation bar and select the language you want to proceed. In the list of the available exercises you can click on the exercise title to go to exercise.

Completing the exercise is like the level determination exam but now you can see the correct answers after completing and submitting.



The screenshot shows the Bulingo website interface. At the top, there is a navigation bar with links: Profile, Exercise, Send Exercise, Progress, Exam, My Writings, Send Writing, Messages, Search, Settings, and Logout. Below the navigation bar, there is a table with the following data:

id	title	type	level	tags
2	Reading Exercise-Sample	reading	A2	school, career, youth
6	football exercise	vocabulary	A2	football, sport



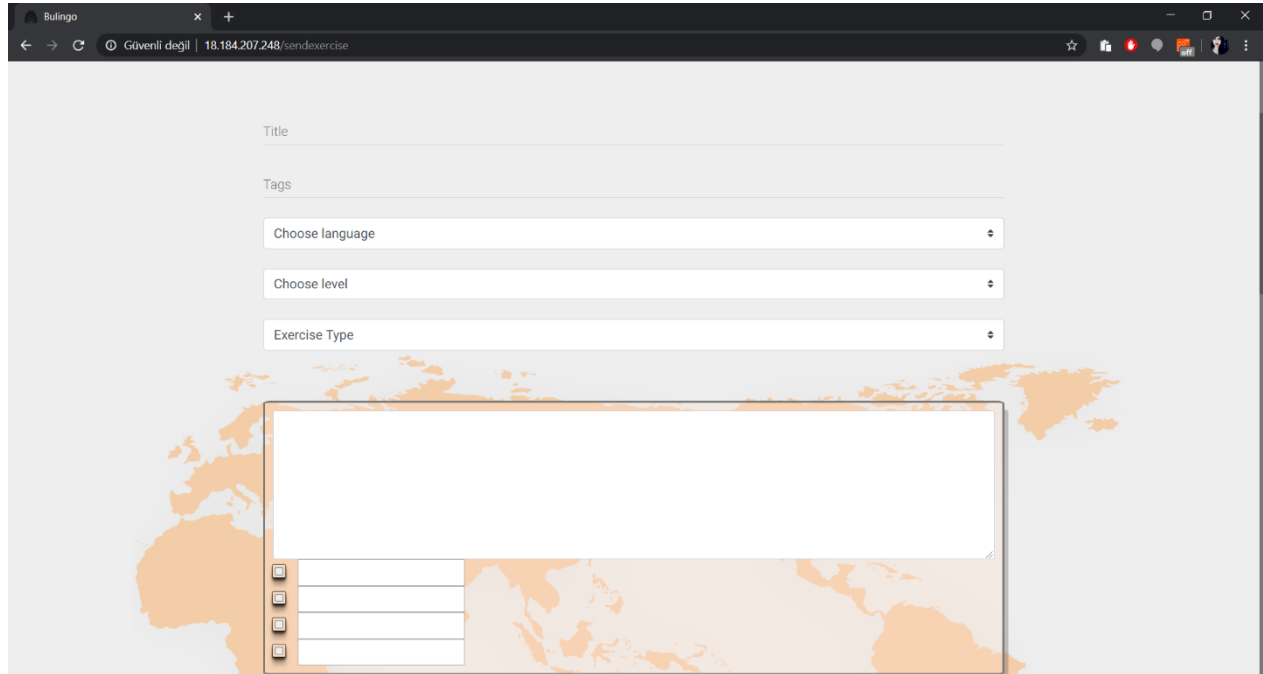
The screenshot shows the Bulingo website interface with a reading exercise. The text of the exercise is as follows:

year diploma in subjects like electrics, plumbing, roofing and hairdressing. If you'd prefer to work outdoors, look at Milldown College, where there are courses in Farm Mechanics, Land Management, Animal Management and much more. A final option is to get an apprenticeship with a local or national company. You will get on-the-job training, gain certificates or diplomas and start earning straight away. But be warned - places are limited! Find out more at the Jobs Fair on 26th May at Northacre College. The article advises reader who want a professional career to...

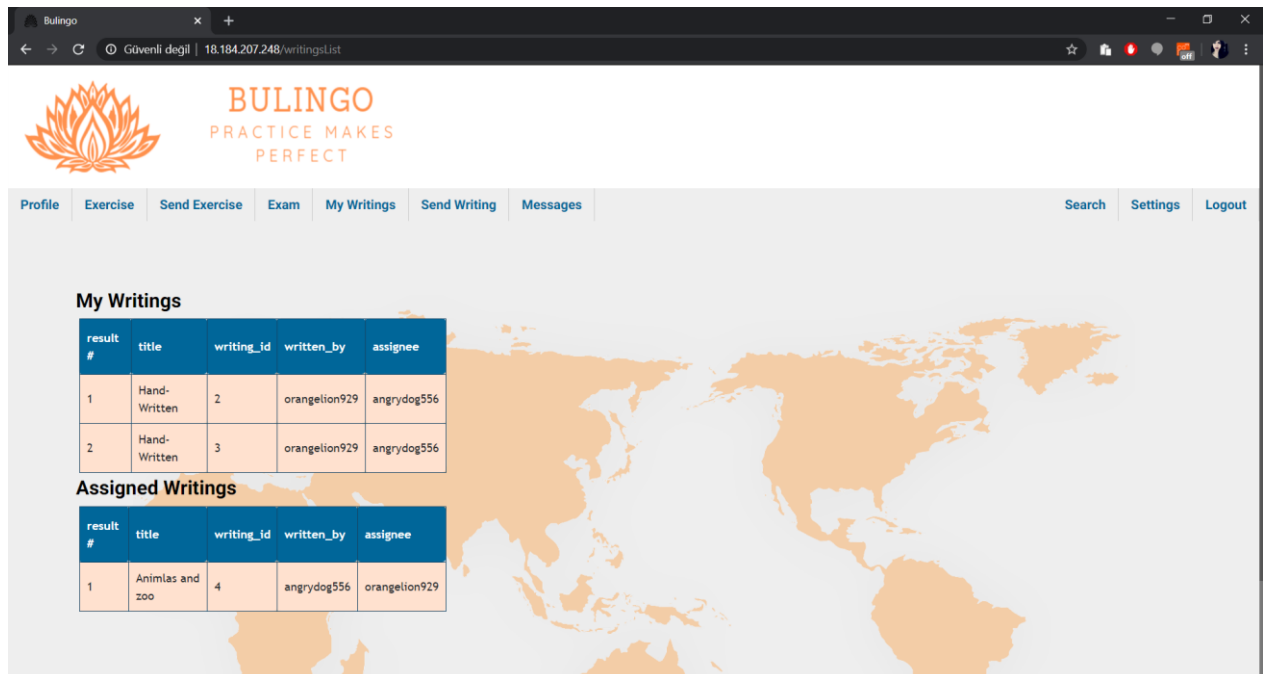
- ☐ go to university immediately.
- ☐ stay at the same school for two more years.
- ☒ go to high school for two more years, then get a degree.
- ☐ make a trip to China

3. You're 16 and finally you can leave school! By now, you're probably sick of teachers, desks, tests and exams. But don't just run for the exit. You need to think carefully about what to do next. If you want a professional career, you will need to go to university and get a degree. To do that, you need to stay at high school for another two years. But you needn't stay at the same place. There are several options in the district of Northacre. St. Leopold's School has the best pass rate of all the high schools in the district. It offers a wide range of subjects in the humanities and sciences. St. Leopold's is, of course, a private school, so may be too expensive for you. But don't worry, there are several other options if you want to follow the academic route. Knowle Grammar School is a state school, so there are no fees, and it has excellent tuition and facilities. It is a boys' school from the ages of 11-16, but from 16-18 it is co-educational. But it is selective, so you'll have to pass an exam to get in. If you're interested in going into Business, check out Wyle River Academy. This school specialises in subjects like Business Studies, Management and Economics. If you prefer the arts, look at the courses on

You can send exercises from send exercises page, here you should specify title, tags, language, level and exercise type of the exercise you are going to add. After that you should fill the body parts and the choices, pick the true answer from the choices and submit after completing all the questions and answers.



In my writings page you can see the writings you sent, and the writings assigned to you. To go to the writing, click on the title.



BULINGO
PRACTICE MAKES PERFECT

Profile Exercise Send Exercise Exam **My Writings** Send Writing Messages Search Settings Logout

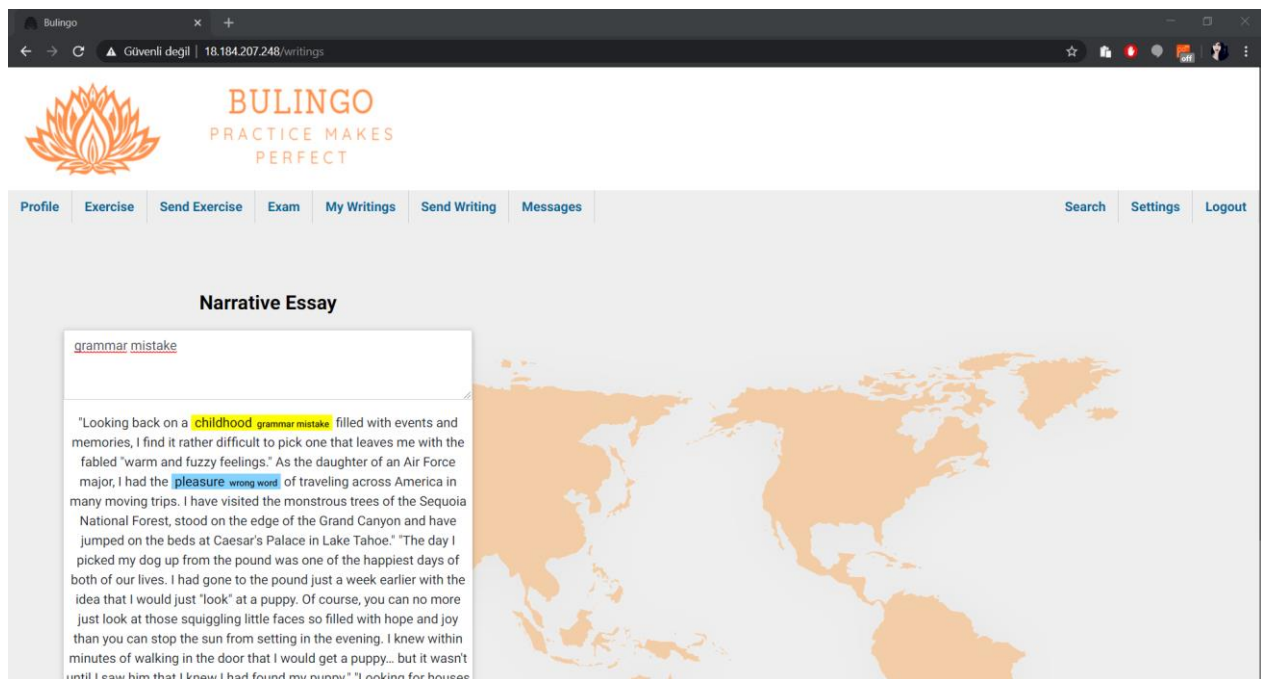
My Writings

result #	title	writing_id	written_by	assignee
1	Hand-Written	2	orangelion929	angrydog556
2	Hand-Written	3	orangelion929	angrydog556

Assigned Writings

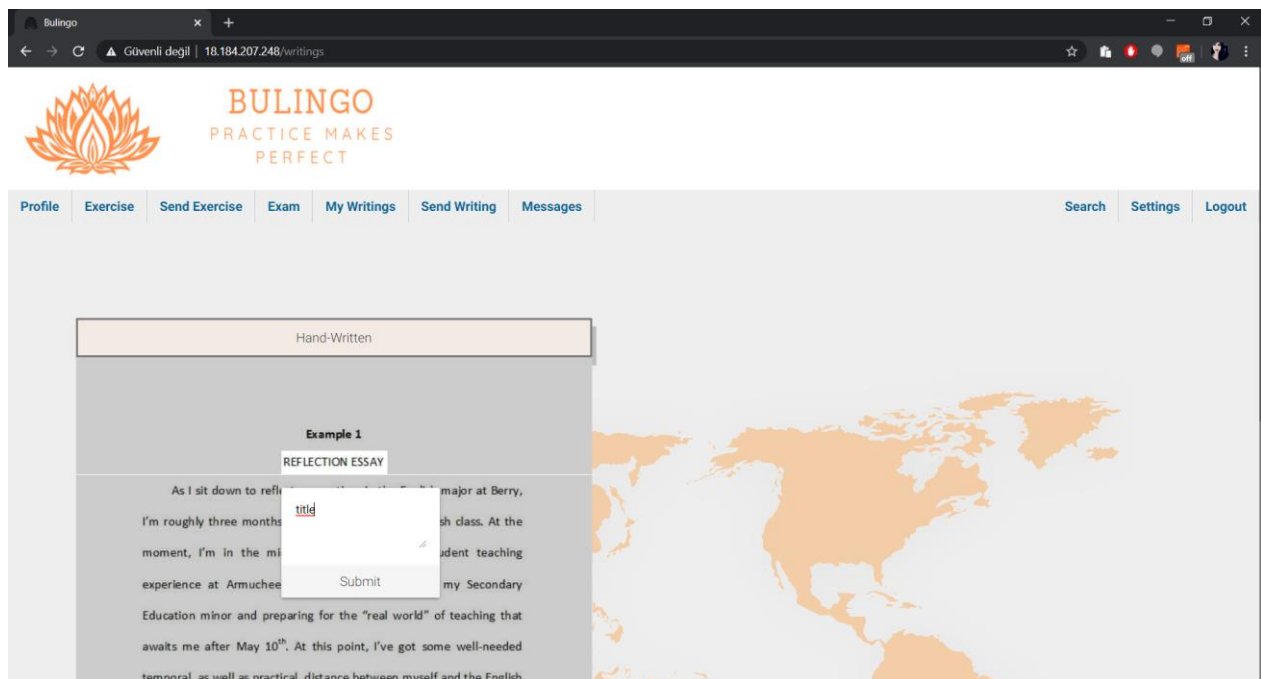
result #	title	writing_id	written_by	assignee
1	Animlas and zoo	4	angrydog556	orangelion929

After going in the writing page you can read and annotate the writing, to annotate a text you can write your annotation to the text box and select the text you want to annotate. You can delete the yellow annotations by clicking on them once. After editing, send your annotations by pressing submit.



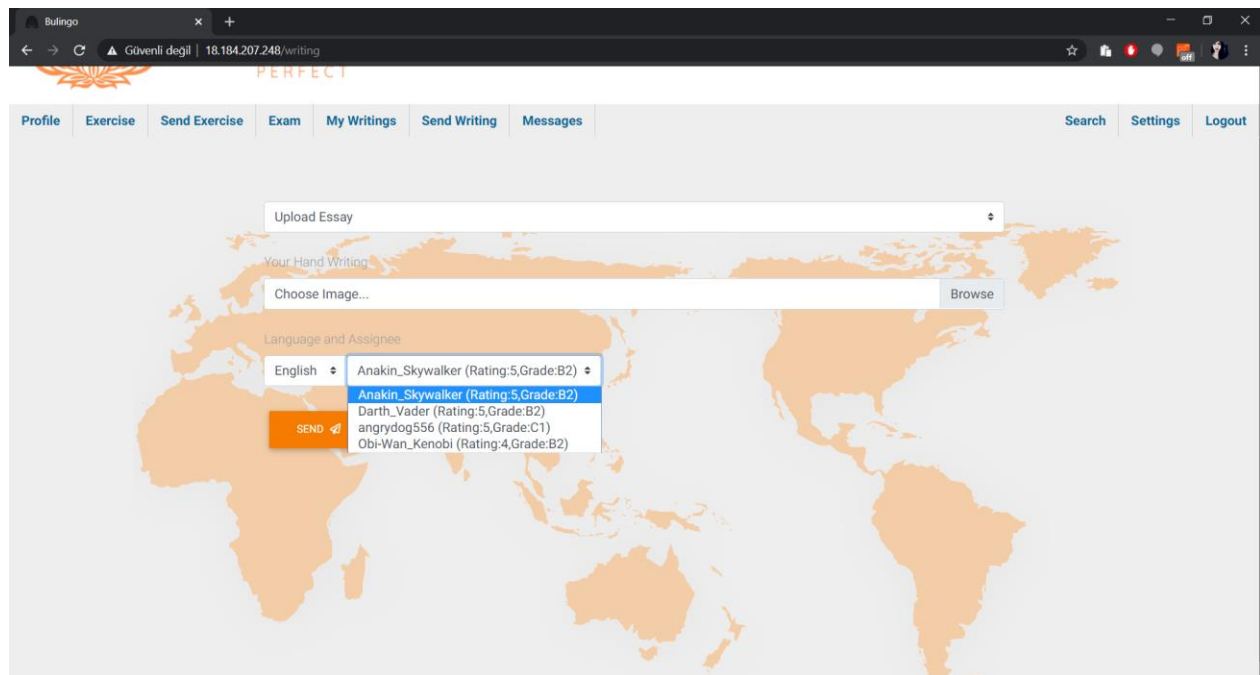
The screenshot shows the Bulingo website interface. At the top, there is a navigation bar with links: Profile, Exercise, Send Exercise, Exam, My Writings, Send Writing, Messages, Search, Settings, and Logout. The main content area is titled "Narrative Essay". Below the title, there is a text box containing the following text: "Looking back on a childhood grammar mistake filled with events and memories, I find it rather difficult to pick one that leaves me with the fabled 'warm and fuzzy feelings.' As the daughter of an Air Force major, I had the pleasure wrong word of traveling across America in many moving trips. I have visited the monstrous trees of the Sequoia National Forest, stood on the edge of the Grand Canyon and have jumped on the beds at Caesar's Palace in Lake Tahoe." The text is annotated with yellow highlights and red underlines. A text box on the left contains the annotation "grammar mistake" and a "Submit" button. The background of the page features a world map.

To annotate an image, click and drag until the box covers the area you want to annotate. Release the mouse and write your annotation to the textbox. When you are ready, submit by clicking on the submit button. You can see the existing annotation by clicking on them.

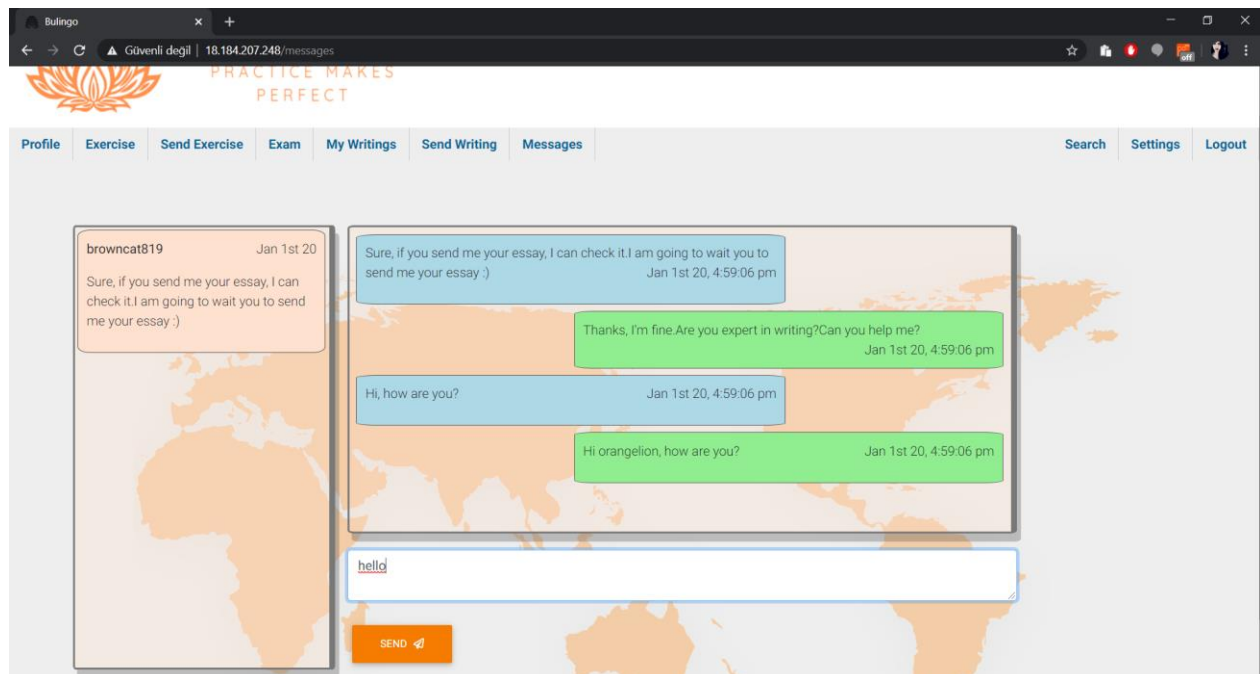


The screenshot shows the Bulingo website interface. At the top, there is a navigation bar with links: Profile, Exercise, Send Exercise, Exam, My Writings, Send Writing, Messages, Search, Settings, and Logout. The main content area is titled "Hand-Written". Below the title, there is a text box containing the following text: "As I sit down to reflect on my experience at Berry, I'm roughly three months into my teaching experience at Armuchee my Secondary Education minor and preparing for the 'real world' of teaching that awaits me after May 10th. At this point, I've got some well-needed tempooral, as well as practical, distance between myself and the English". The text is annotated with yellow highlights and red underlines. A text box on the left contains the annotation "title" and a "Submit" button. The background of the page features a world map.

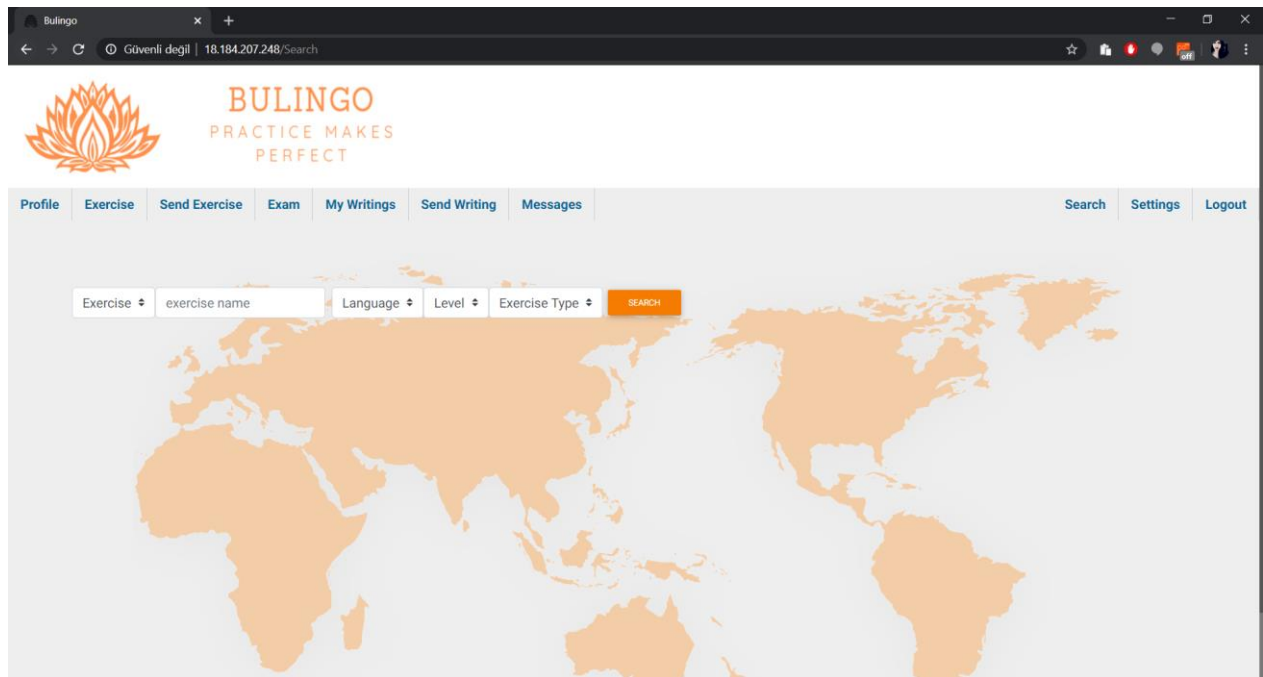
To send writing, you can write your essay in the textbox, if you would like to upload a file, you should select upload essay option from the drop-down menu. After you select the language, the recommended users will appear and you can select by looking at their rating and language level.



To see and answer your messages go to messages page from navbar in the left you can see the list of the people you are chatting with and by clicking on the boxes on the left you can see the message history and send a message on the right



To search a user or an exercise click on the search button on the navigation bar. First select if you want to search a user or exercise, then write your keyword for the search. For exercise you can further specify language, language level, and exercise type. Click on the search button to search to proceed.



To make a comment and rate a user you should search them from user search and by clicking on the username from a list of users you can go to their profile. Here you can make a comment and rate the user and send a message. After sending a message you get redirected to the messages page.

