# SIMBA MANUAL

#### Use guide.

| Welcome<br>Login to your accour | e to SIMBA |
|---------------------------------|------------|
| Username:                       |            |
| Password:                       |            |
| Forgot your password?           |            |
| L                               | ogin       |

Here, we have three options:

- Enter your credentials to enter the system
- I forgot my password takes you to the "I forgot my password" screen.
- If you don't have an account, click on register to create it.

#### REGISTER

| Create your account<br>Join SIMBA and start learning |
|--|
| Username:  |
|  |
| Email:   |
| Password:  |
| Confirm password:                                    |
| Register   |
| Noglotor   |
| Already have an account? Login                       |

In register, remember to put an email in which you have access, because you will need to check your email to log in again!



#### Welcome to Simba!

#### Hello lenon,

Thank you for registering with Simba. To complete your registration and access all features, please verify your email address by clicking the button below:



If the button doesn't work, you can copy and paste this link into your browser:

https://simba-refact.irit.fr/verify-email/ac731b28c9034fc2aac9c912211b2d2d

•••

#### **COURSES SCREEN**

| SIMBA      |                          |                          | + 🛃 😰 |
|------------|--------------------------|--------------------------|-------|
| Courses    |                          |                          |       |
| Activities | Student Research Project | Thermodynamics Course    |       |
| Dashboard  | student - STUDENT        | prof - TEACHER EDITOR123 |       |
|            | S                        | Р                        |       |
|            |                          |                          |       |
|            |                          |                          |       |
|            |                          |                          |       |
|            |                          |                          |       |
|            |                          |                          |       |
|            |                          |                          |       |
|            |                          |                          |       |
| V1.0.0     |                          |                          |       |

## On the courses screen, we have the following composition:

- In the sidebar menu, we have the options to navigate between courses, activities and the dashboard.
- On the main screen, we have the cards that represent the courses in which we are enrolled.
- In Hero, we have the options to create a new course, enter a new course through a code (you can also do this through the URL, see below) and manage your profile.

| Create New Co | ourse |        |               |
|---------------|-------|--------|---------------|
| Title:        |       |        |               |
|               |       |        |               |
| Description:  |       |        |               |
|               |       |        |               |
|               |       |        |               |
|               |       |        | 4             |
|               |       |        |               |
|               |       | Cancel | Create Course |

#### **CREATE NEW COURSE**

By clicking on the + icon, you will go to the new course creation screen, where to create you will need to enter

#### the title and description.

#### JOIN A COURSE BY CODE

| Enter the course code  |
|--|
| Ask your teacher for the course code and enter it below. You will join as a student. |
| Enrollment code:   |
| Enter the code provided by your teacher  |
| Cancel Join as Student   |

In entering a course through a code, you will necessarily enter as a student. It's a quick way to enter the courses if the teacher prefers  $\stackrel{\bigcirc}{=}$ .

#### **MANAGE YOUR ACCOUNT**

| prot  |                             |  |
|---|-----------------------------|--|
| Email:  |                             |  |
| prof@gmail.com  |                             |  |
| Current Password:   |                             |  |
| Required to make any changes to<br>Change Password (Op<br>New Password: | o your profile.<br>ptional) |  |
| Leave blank to keep your current  | password.                   |  |
|   |                             |  |

If you wish, you can change your username and password (you will need to have your current password to make these changes)

### **COURSE VIEW (TEACHER)**

| comprehensive course on thermodynamics principles |  |
|---|--|
|   |  |
| Thermodynamics Course                             | Generate Invite Links Show Enrollment Code Show Participants |
|   |  |
| : 0   | Thermodynamics Fundamentals                                  |
|   | Thermodynamics Course  |

By clicking on a course as a teacher, you can:

- Create invitation links for your course (URL)
- Get the code for your students to enter your course
- Show your course participants, with the option to delete
- Create new activity

#### **NEW ACTIVITY**

| Activity Title   |  |
|--|--|
|  |  |
|  |  |
| The name of your activity.                                   |  |
| Activity Description   |  |
|  |  |
|  |  |
|  |  |
| Briefly explain the purpose or context of this activity.     |  |
| Make activity visible to students                            |  |
| Incheck to hide this activity from students until you're rea | dy.  |
| Allows you to customize the assistant's                      | Expert Mode enables advanced customization |
| instructions for this activity.                              | options for the activity.                  |
| Activity Questions   |  |
| Add a question   | -  |
| Add questions that the assistant can use to guide students   | s (for example, "What is light?").         |
| Advapand A   | ssistant Ontions                           |

When creating a new activity, you will have a range of important options:

- Activity title
- Activity description
- Option to make the activity visible at the time of creation (interesting if you want to create activities beforehand and release them later)
- Option to customize the wizard with its specific prompt
- Activity questions
- Advanced options: Agent's attitude, list of subjects, whether the assistant should be restricted to the subject of the course, whether the assistant should ask questions to the student, use of emojis, trust the document provided, allow students to redo the activity, character size limit in the assistant's response.
- Upload files
- Activity scheduling, after the end date, the activity will be unavailable.

#### **ACTIVITY CARD**

| Ther | modynamics Course  | Generate Invite Links Show Enrollment Code Show Participants + |
|------|--------------------|--|
|      | 🕑 Edit             |  |
| :    | Chat with Activity | Thermodynamics Fundamentals                                    |
| •    |                    | Thermodynamics Course  |
|      | Telete             |  |

As a teacher, you can also edit, go to the chat with the activity, get the activity link (useful for inviting students and they go straight to the activity) and delete the activity.



You can also modify the visibility of the activity by clicking on the eye symbol. By disabling visibility, the activity will not be visible to your students.

#### **ACTIVITIES SCREEN**

| Activities | All Courses 🔹 | Show Enrollment Code | Show Participants       |
|------------|---------------|----------------------|-------------------------|
|            |               |                      |                         |
|            |               | Res                  | earch Discussion        |
|            |               | s                    | tudent Research Project |
|            |               |                      | STUDENT                 |
|            |               |                      |                         |
|            |               | Thermodynam          | ics Fundamentals        |
| : 0        |               | т                    | hermodynamics Course    |
|            |               |                      | OWNER                   |

The main functionality of this screen is to facilitate the management of activities in your courses, whether as a teacher or as a student! Through this screen, you can create a new activity (if you select a course in which you are a teacher) and directly access the information of this activity.

- If you are a teacher, you will go to the dashboard of that specific activity
- If you are a student, you will be redirected to the chat of that specific activity

#### **CHATBOT**

|   |  | Readme | 0 |   |
|---|--|--------|---|---|
| # | That's a fascinating research area! Student engagement in online learning is indeed crucial for educational success. Your focus on interaction types and their impact on learning outcomes is very relevant, especially given the growth of digital education. |        |   |   |
|   | Some questions to help guide your research:  |        |   | 1 |
|   | 1. <b>Types of interactions</b> : Are you looking at student-content, student-instructor, or student-<br>student interactions? Or perhaps all three?   |        |   |   |
|   | <ol> <li>Engagement metrics: How are you measuring engagement? Are you using behavioral<br/>data (clicks, time spent), participation metrics (forum posts, assignments), or learning<br/>analytics?</li> </ol>   |        |   |   |
|   | 3. Learning outcomes: What specific outcomes are you measuring? Test scores, course completion rates, skill acquisition?   |        |   |   |
|   | What specific methodologies are you considering for data collection and analysis?  |        |   |   |
|   | ۲ <u>۵</u>   |        |   |   |
|   | Type your message here   |        |   |   |
|   | 0  |        |   |   |
|   | Built with <b>🍫 Chainlit</b>   |        |   |   |

When entering a chat of a specific activity, you will have the option to:

- Interact with the activity
- Back to the activities screen
- Redo the activity

#### **DASHBOARD (TEACHER VIEW)**

|                         | ···· <b>,</b> ·····  |   |   |
|-------------------------|--|---|---|
|                         |  |   |   |
|                         |  |   |   |
|                         |  |   |   |
|                         |  |   |   |
| ats Students Engagement | Raw Data   |   |   |
| Total Activities        | Total Messages<br>3  | Avg Message Length 53.67  | Avg Time per Student Oh Om  |
|                         | Activity St  | atistics  |   |
| s Avg Length            | 60   | Messages A  | vg Length   |
| 53.67                   | 40   |   |   |
|                         | 30   |   |   |
|                         | 20   |   |   |
|                         | its Students Engagement<br>Total Activities<br>1<br>is Avg Length<br>53.67 | its Students Engagement Raw Data Total Activities 1 Total Messages 3 Activity St 60 60 60 60 60 60 60 60 60 60 60 60 60 | ts Students Engagement Raw Data<br>Total Activities Total Messages Avg Message Length<br>1 3 53.67<br>Avg Length<br>53.67 |

In dashboard, you have a range of options available. Whether you are a teacher or a student!

Here, you can select the courses in which you are a teacher and the courses in which you are a student.

Now, we will show the teacher's features:

You can select specific courses and specific activities.

You will have 4 main views:

- Conversation Statistics
- Student Statistics
- Student Engagement
- Raw data

### **CONVERSATION STATS**

|  |                    |                          | Messages Avg Length                               |  |
|--|--------------------|--------------------------|---|--|
| Student                                      | Messages           | Ava Lenath               | 60  |  |
|  | 5                  | 5 5                      | 50  |  |
| student                                      | 3                  | 53.67                    | 40  |  |
|  |                    |                          | 30  |  |
|  |                    |                          | 20  |  |
|  |                    |                          | 10  |  |
|  |                    |                          |   |  |
|  |                    |                          | 0   |  |
| udent Segme                                  | ntation by Engagem | ent                      | 0 Thermodynamics Fundamentals                     |  |
| udent Segme                                  | ntation by Engagem | ent                      | Many Short Messages     Few Short Messages        |  |
| udent Segme                                  | ntation by Engagem | ent<br>/ Long Messages F | g Messages Many Short Messages Few Short Messages |  |
| <b>udent Segme</b><br>3,15<br>3,10           | ntation by Engagem | ent<br>r Long Messages F | g Messages Many Short Messages Few Short Messages |  |
| 3,15<br>3,10<br>3,05                         | ntation by Engagem | ent<br>/ Long Messages F | g Messages Many Short Messages Few Short Messages |  |
| 3,15<br>3,10<br>3,05<br>3,00                 | ntation by Engagem | ent<br>/ Long Messages F | g Messages Many Short Messages Few Short Messages |  |
| 3,15<br>3,10<br>3,05<br>5,3,00<br>2,95       | ntation by Engagem | ent<br>r Long Messages F | g Messages Many Short Messages Few Short Messages |  |
| 3,15<br>3,10<br>3,05<br>3,00<br>2,95<br>2,90 | ntation by Engagem | ent<br>/ Long Messages F | g Messages Many Short Messages Few Short Messages |  |

In Conversation Stats, you can see the statistics of your activities and student engagement, as well as a segmentation of the engagement of these students. You can also generate a summary of what your students are doing in this activity through AI!

#### **STUDENTS STATS**



In Student Statistics, you can see the message size distribution that that student is sending in the activities, what activities he is engaged in, his history in the conversation, as well as generate an individual analysis through AI and download the conversation.

#### **STUDENTS ENGAGEMENT**



#### In Students Engagement, you can see a Word Cloud used by your students in the activities! Just like

| ord Details                  | Student Distribution by Features                     |  |  |  |  |
|------------------------------|--|--|--|--|--|
|                              | X-Axis:  |  |  |  |  |
| "learning"                   | Message Count<br>Y-Axis:<br>Average Length           |  |  |  |  |
| Used 3 times by 1 student    |  |  |  |  |  |
| Students who used this word: |  |  |  |  |  |
| prof                         | Frequent Writers (Short Messages) Infrequent Writers |  |  |  |  |
|                              | 180  |  |  |  |  |
|                              | 160<br>5 140   |  |  |  |  |
|                              | g 120  |  |  |  |  |
|                              | ଞ୍ଚ 100  |  |  |  |  |
|                              | 80   |  |  |  |  |
|                              | 60   |  |  |  |  |
|                              | 40   |  |  |  |  |

Who is using that specific word and see the distribution of student by specific characteristics.

#### **RAW DATA**

| Conversation S | tats Student Stats             | Students Eng | agement Raw Da             | sta  |  |  |  |  |  |
|----------------|--------------------------------|--------------|----------------------------|--|--|--|--|--|--|
| Raw Conver     | aw Conversation Data           |              |                            |  |  |  |  |  |  |
| Export to CSV  |                                |              |                            |  |  |  |  |  |  |
| User           | Activity                       | Role         | Timestamp                  | Content  |  |  |  |  |  |
| prof           | Thermodynamics<br>Fundamentals | assistant    | June 3, 2025, 4:14<br>a.m. | Hello! 🐱 I am SIMBA, and I will help you reflect on the following questions: 1. What are the main      |  |  |  |  |  |
| student        | Thermodynamics<br>Fundamentals | assistant    | June 3, 2025, 2:16<br>a.m. | Ah, excellente question ! Le lien entre la pression et la température est fondamental en<br>thermodyna |  |  |  |  |  |
| student        | Thermodynamics<br>Fundamentals | user         | June 3, 2025, 2:16<br>a.m. | Quel est le lien entre pression et température ?   |  |  |  |  |  |
| student        | Thermodynamics<br>Fundamentals | assistant    | June 3, 2025, 2:16<br>a.m. | Super, passons à la pression alors ! La pression est une notion cruciale en thermodynamique. Elle      |  |  |  |  |  |
| ctudont        | Thermodynamics                 | licor        | June 3, 2025, 2:16         | Clarthan marci Et la concent da praccian ?   |  |  |  |  |  |

## In Raw Data, you can export all activity messages to a CSV, as well as see specific conversation statistics!