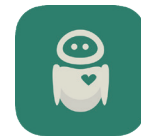


BEST PRACTICES FROM EDUBOTS



EDUBOTS



- **Target group:**
University students
- **Type of program:**
Distance learning program
- **Discipline:**
Education
- **Language availability:**
English
- **Solution:**
Hubert.ai Chatbot

Use case:

Informal course evaluation

Short description:

Through short, interactive dialogues with a chatbot, the students have the opportunity to evaluate a university course and provide informal feedback to their educator on his/her teaching. This feedback can be used by the educator in a formative manner, for improving the applied teaching practices and approaches.

Need/ added value:

Distance learning courses lack the physical interaction that could take place among students and between the students and the educator, as compared to conventional courses. This physical interaction could provide more opportunities for formal and non-formal discourse to take place within the class, which might be crucial for an educator to evaluate his/her teaching practice and adapt accordingly the teaching methods applied to the students' needs and particularities. Yet, opportunities for informal course evaluation in distance learning programs can be facilitated with the use of a chatbot.





Educator Preparation:

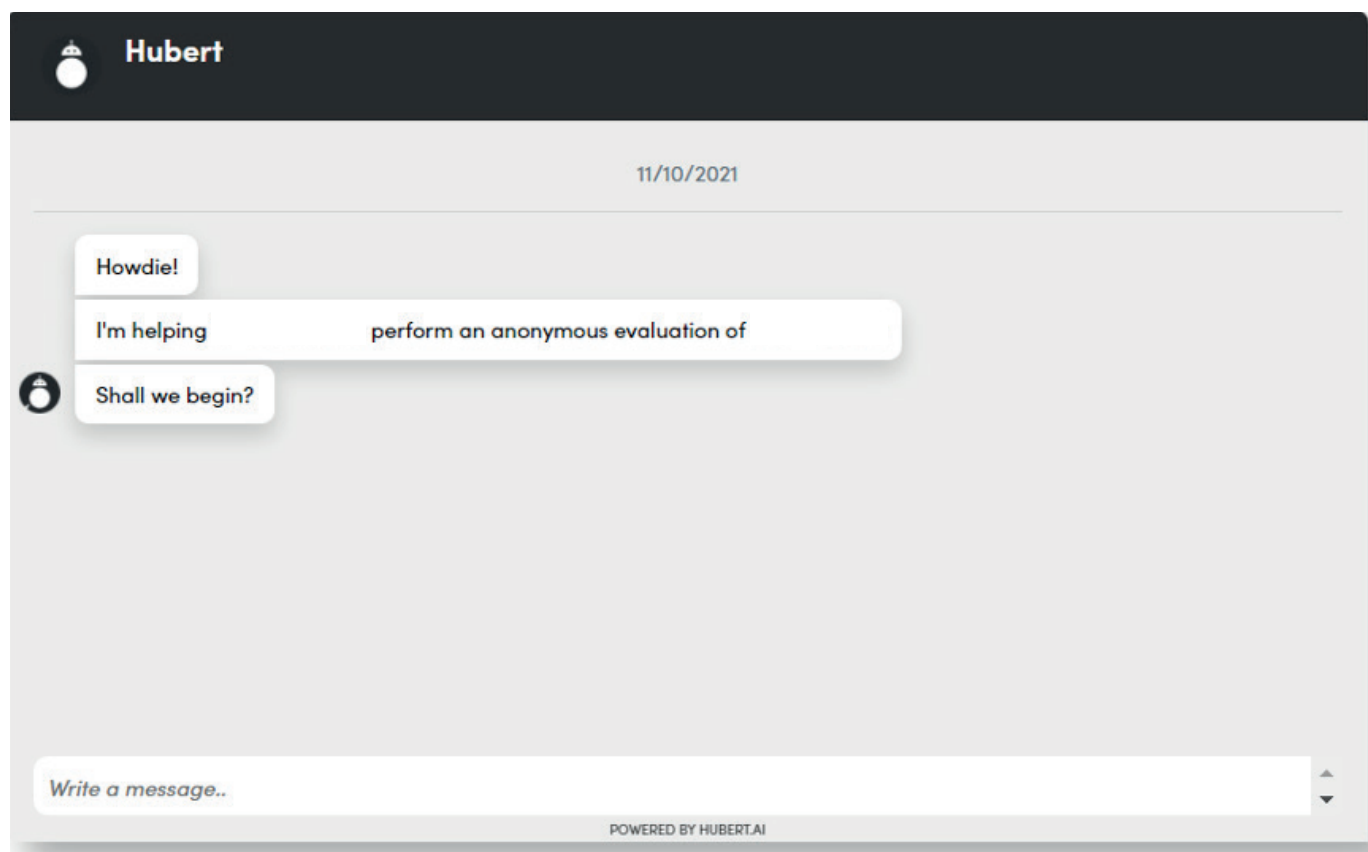
The use of the Hubert chatbot use case scenario does not require any background knowledge in chatbots and relevant domains, nor extensive technical skills more than basic computer skills and familiarity with technology.

How to get started:

Setting up an evaluation in Hubert.ai is pretty much an easy process that can be easily done by any educator. The first step to go is to create an account in Hubert.ai (sign up). Second, you need to sign in and choose the “create a new evaluation” option. Third, follow the steps required by filling in basic information about your course. During this process, you will be asked to choose a template with predefined questions that the chatbot will pose to the students during their interaction. Two templates are available for informal course evaluation. The first template can be used during the academic semester for evaluating your course; likewise, the second template can be used at the end of the semester. After having created a new evaluation, a link is generated which you can share with the students.

How to engage your students:

The students can interact with Hubert by clicking on the link. Hubert poses the predefined (by the chosen template) questions to the students, with a degree of smart interactions in the sense that Hubert could react positively or negatively to students’ responses. The interaction might last from 1 to 3 minutes, depending on students’ reaction rate to Hubert’s questions.





What happens next:

You can view the evaluation results with students' responses on your dashboard, having access to the raw data (i.e., the actual conversation of each student with Hubert), but also to a thematic analysis of students' responses. Examples of such data are provided below.

Tips

- *Inform your students about the added value of using the chatbot for informal course evaluation.*
- *Use informal course evaluations multiple times during the semester for receiving students' feedback in a formative manner.*

Pros

- *Hubert secures anonymity which is an essential factor for securing honest and reliable responses from your students.*
- *Easy of use for both you and your students.*
- *An innovative and entertaining way for students to provide feedback for your course.*

Further Possibilities

- *Additionally use cases can be applied with the use of Hubert.ai for addressing different needs of students and teachers. Just check the evaluation templates.*

Examples from real classroom applications

Evaluation results

Each card represents one question. Related questions, such as follow-ups, are grouped together in corresponding sections.

Knowledge

Not understood

1. understood - 11.5%
2. time - 7.7%
3. noeverything - 3.8%
4. fully - 3.8%
5. ability - 3.8%

Useful

Least

1. mark - 7.7%
2. information - 7.7%
3. useless - 7.7%
4. unable - 7.7%
5. answer - 7.7%

Learning

Most useful

1. science - 6.1%
2. scientific - 4.5%
3. students - 4.5%
4. understand - 3.0%
5. evaluation - 3.0%

Interesting

Least

1. interesting - 14.8%
2. chapter - 3.7%
3. handbook - 3.7%
4. recognize - 3.7%
5. significance - 3.7%

Most

1. science - 9.8%
2. scientific - 6.5%
3. practices - 6.5%
4. teaching - 6.5%
5. education - 3.3%

Expectations

Met

uncertain
60% ⚠️



QUESTION: DO YOU FEEL THAT SOME CONCEPTS WERE NOT FULLY UNDERSTOOD?,IF YES, WRITE THE CONCEPTS BELOW.

ALL (20)

CLEAR (14)

PROBED (0)

UNCLEAR (6)

SENTIMENT (BETA)

EMOTIONS (BETA)

TOPICS (BETA)

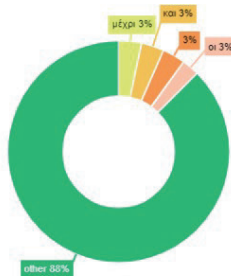
FILTERS

Summary

No common topics were identified in this question.

Respondents: 1

Messages: 20



θεωρώ πως όλες οι έννοιες που έχουμε συναντήσει μέχρι τώρα έχουν αναλυθεί ορθά και τις έχουμε κατανοήσει σε μεγάλο βαθμό.

No no.Everything was fully understood.

Given the ability to question our professors any time and their kind response, no.

Όλα τα θέματα είναι κατανοητά και τα πάντα ξεκαθαρίζουν στις τηλεδιασκέψεις. Με την κυρία είχαμε μία πολύ ωραία τηλεδιάσκεψη, όπου μας εξήγησε και μας ανέλυσε πολύ ωραία όλα τα θέματα που έχουμε συζητήσει μέχρι τώρα.

yes maybe the activity in 3rd week

related to not understood

understood 3
time 2
noeverything 1
fully 1
ability 1
question 1
professors 1
kind 1
response 1
activity 1
3rd 1
week 1
hard 1
feel 1
topic 1
give 1
studing 1
greek 1
language 1
totally 1
undrrstood 1
thiw 1
problem 1

Detailed question report

Show help ⓘ

QUESTION: WHAT IS THE MOST USEFUL THING YOU HAVE LEARNT SO FAR IN THE (EVALOB)?

ALL (20)

CLEAR (20)

PROBED (0)

UNCLEAR (1)

SENTIMENT (BETA)

EMOTIONS (BETA)

TOPICS (BETA)

FILTERS

POSITIVE NEUTRAL NEGATIVE

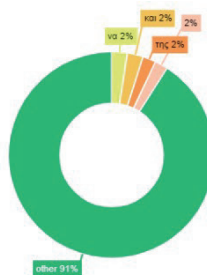
Summary

No common topics were identified in this question.

Respondents: 1

Messages: 21

Queries: 1



Η χρησιμότητα της συνεργασίας με συμφοιτητές που δεν μπορούμε να βρεθούμε δια ζωής αλλά η γνωριμία, η επικοινωνία, οι συναντήσεις και όλη η συνεργασία γίνεται εξ αποστάσεως θεωρώ ότι είναι πολύ χρήσιμο και για μελλοντικά μαθήματα του προγράμματος σπουδών αλλά και για την διδακτική μας πορεία.

I think that it's again the scientific practices.They will help me to understand better the way that students learn in a better way.

The evaluation methods in classroom. In addition the new approaches suggested to improve science teaching (by encouraging students to conduct science research by processing real data, school collaboration with scientists, use of technology, use of narration, learning through experience-informal learning). I find the information given through these two subjects the most instantly applicable.

Common words
related to most useful

science 4
scientific 3
students 3
understand 2
evaluation 2
school 2
learning 2
formative 2
cooperate 2
class 2
practicesthey 1
learn 1
methods 1
classroom 1
addition 1
approaches 1
suggested 1
improve 1
teaching 1
encouraging 1
conduct 1
research 1
processing 1
real 1
data 1
collaboration 1
scientists 1
technology 1
narration 1
experienceinformal 1
find 1
information 1
subjects 1
instantly 1