**Template for the Annotated Bibliography Report**

|  |  |
| --- | --- |
| **Section 1. Team members**  **(name, ID number)** | **Responsibilities** |
| Λάμπης Παπαϊωάννου (ics24112) | Formation of tables or figures of our own results |
| Βασίλης Κωστόπουλος (ics24098) | Representative of the team to the teacher |
| Πέτρος Μπινής (ics24048) | Leader in case of disagreements |
|  |  |
|  |  |

|  |
| --- |
| **Write the reference to the article you work on (APA style)** |
| Panayotis Pliatsikas & Anastasios A. Economides (2022). Factors Influencing Intention of Greek Consumers to Use Smart Home Technology. Applied System Innovation, 5(1), 26. https://doi.org/10.3390/asi5010026 |

|  |  |  |
| --- | --- | --- |
| **Section 2. Vocabulary list with example sentences from the article** | | |
| Word  Example sentence  (you may expand the table as necessary for you) | Definition | Greek equivalent |
| **Penetration**: “Therefore, the penetration of smart homes into people’s daily lives is still low.” | The act or process of making a way into or through something. | Διείσδυση |
| **Interoperable**:” It is important to determine whether and to what extent home services are interoperable with various home appliances and external services.” | Something that can exchange and make use of information. | Διαλειτουργικός |
| **Moderate**:  “On average, they expressed a moderate level of perceived usefulness.” | Kept or keeping within reasonable or proper limits; not extreme, excessive, or intense. | Μέτριος |
| **Compatibility**:  “… their perceived compatibility of smart home technology.” | A state in which two things are able to exist or occur together without problems or conflict. | Συμβατότητα |
| **Acquainted**:  “Greek consumers are getting acquainted with smart home technology although they do not seem to be convinced about issues such as providing their personal data to smart service providers.” | Having personal knowledge of something, having seen, or experienced something. | Εξοικειωμένος |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Section 3. Terminology list with example sentences from the article** | | |
| Term  Example sentence  (you may expand the table as necessary for you) | Definition | Greek equivalent |
| **Technology Acceptance Model (TAM**):  ” Various researchers investigated the degree of smart home technology adoption using popular frameworks and models such as the technology acceptance model (TAM).” | Information systems theory that models how users come to accept and use a technology. | Μοντέλο Αποδοχής Τεχνολογίας |
| **Innovation Diffusion Theory (IDT)**:  ” Various researchers investigated the degree of smart home technology adoption using popular frameworks and models such as the technology acceptance model (TAM) [15] and innovation diffusion theory (IDT).” | Theory that seeks to explain how, why, and at what rate new ideas and technology spread. | Θεωρία Διάδοσης Καινοτομίας |
| **mean value (ΜΤ)**:  “For data analysis, both techniques and indicators of descriptive analysis were used: percentage (%) and frequency (n) as well as mean value (MT) and standard deviation (TA).” | An average of n numbers computed by adding some function of the numbers and dividing by some function of n. | Μέσος Όρος |
| **standard deviation (TA):**  “For data analysis, both techniques and indicators of descriptive analysis were used: percentage (%) and frequency (n) as well as mean value (MT) and standard deviation (TA).” | A measure of the amount of variation or dispersion of a set of values. | Τυπική Απόκλιση |
| **one-way ANOVA**:  “The results of the one-way ANOVA test in terms of the participants’ age group showed that there are no significant differences in terms of age in any of the dimensions studied.” | Type of statistical test that compares the variance in the group means within a sample whilst considering only one independent variable or factor. | Ανάλυση Διασποράς µε έναν παράγοντα |
| **Internet of Things (IoT):**  “. The smart home includes a set of devices and services which work individually and together to interact with each other and the user thanks to Internet of Things (IoT) technologies.” | A network of interrelated devices that connect and exchange data with other IoT devices and the cloud. | Διαδίκτυο των Πραγμάτων |

**Your own research:**

**Participants**: N= 20

**Your Research questions**:

|  |
| --- |
| **Section 4. Instrument list of items and link to google form** |
|  |
|  |
|  |
|  |
|  |
|  |

|  |
| --- |
| **Section 5. Your own Results and comparison with the results of the article**  (place tables of figures separately below) |
|  |

|  |
| --- |
| **Section 6. Your own discussion/ reflection of the whole procedure (about 300 words)**:   1. Include answers to the questions posed in the instructions 2. Refer to the things/ aspects/ issues that  * caused difficulty, * you liked, * you learnt from the article and the whole procedure of analyzing it and conducting your own research |
| As we have finished gathering statistics and adding the final touches to our presentation, we would like to pose our own reflection of the whole procedure. In addition, in this text we will address the following questions: Why is the Internet of Things (IoT) and the smart home in particular so popular nowadays? Is the use of technology neutral? In the world today a large number of people oppose the use of technology (technophobia). Why is that? What do the numbers in brackets indicate within the text? How do the authors express the originality of their study?  To begin with, the Internet of Things and smart home technology are widely used nowadays. Due to their ability to simplify daily tasks (such as purchases, household chores etc.), their ease of use, their compatibility, and their usefulness they have become noticeably popular. However, there are some legal and ethical obstacles (e.g. data security), when the utilization and use of smart technologies is unneutral, may lead to the avoidance of using such services and even the technophobia phenomenon.  As far as the technical part of the article numbers in brackets were used as reference markets, directing readers to the texts that some of the article’s information was taken from. Additionally, the authors express the originality of their study. They highlight the findings of preview surveys, they articulate the uniqueness of their work and they explain in detail their methodology and findings.  Finally, we would like to state our reflection of the whole procedure. It was a great pleasure for each one of us to have the opportunity to participate in this work. Although communication was sometimes challenging as we all live in different areas of the city, we enjoyed studying an interesting subject and the procedure of making a questionnaire. We also gained new knowledge from studying the article, conducting a survey and making a presentation of that. We got familiar with Google Forms and presenting information in bullet points. We also learnt new statistics and technology terms, such as one-way ANOVA and technology Acceptance Model. In conclusion it was a fun and interesting procedure. |
|  |

**Note:**

Place sure you complete all the sections of the template.

Make sure that your work is presentable and well formatted. Prove your digital skills …

Remember that this is a team project, so all team members should contribute equally. Work as a team. Organize frequent meetings face2face or online to check your understanding of the article and to allocate responsibilities to the members. You are all responsible of the work.

**The assignment will be graded as a whole (50%). Then individual grades will be assigned to each member according to their performance in the presentation (50%).**

One student will be the *representative* of the team to the teacher and responsible for submitting the different parts on eclass with all the names. Another student will be the *leader* in case of disagreements or disputes within the team. One of you will take over the formation of the tables or figures for your own results; another will start with the PowerPoint presentation and you will all contribute. You will state all these in section 1 above.

|  |  |
| --- | --- |
| **Evaluation grid**  **for the annotated bibliography report** | Your own grade |
| Content- 3 |  |
| Language- 3 |  |
| Critical thinking skills- 3 |  |
| Formatting- 1 |  |
| Total- 10 |  |