Special Work Performance 33

Group 15 (Giorgi Modebadze (602191) – Radoslav Evtimov (570341) – Ecenaz Bal (429775))

**Summary**

The purpose of this document is to describe the survey data gathered from 593 people regarding different Bluetooth speakers. The main interest of survey is to assess people`s overall awareness of main players on the market, whether respondents own or indent to buy new speaker and which attributes play key role during decision making. 5 item Subjective Knowledge Scale was used for analyzing *consumer's perception of the amount of information they have stored in their memory*. The first part of this documents provides overview of the survey and reports about interesting findings, while the second part tries to create homogenous segments by different using clustering techniques.

**Demographics**

Out of 593 participants 44% were female, 53% male and 3% did not provided their gender. 28 nationality were represented in sample. The majority of people 56% were residents of Germany, followed by Turkey - 7%, Belgium – 4%, France – 3%, US - 3%. Others were less than 3%. Most of the people were Students with 56%, followed by Employed - 34%. Self-employed, Unemployed and Retired totaled 10%. The larger part of respondents – 82% were between 18 and 29 years old. The income distribution by occupation was following:



**Own and intention to buy**

When it comes to owning the speaker, most people 55% did not own speaker, while 45% did. It is interesting to note that this proportion still exists if we spread participants by Occupation. But when it comes to gender, 51% of males own the speakers, while for the females the number is only 39%.

**Subject Knowledge**

The survey contained 5 item Subject Knowledge Scale to determine participants perception regarding the information they think they know about speakers. Using factor analysis, two factors were enough to explain 74% of the variation. Third item – “*Among my circle of friends, I'm one of the "experts" on portable Bluetooth speakers* “seem to be most different of other items and respondents tend to have twice the lower points for this item, than on average. When it came to gender, Females on average put lower points than men, meaning females do not believe they are experts on Bluetooth speakers. It is important to mention, that people who answered that, they were going to buy product, also tend to give themselves higher scores. It can indicate that, buying Bluetooth speaker is less of impulsive decision and before actual purchase people actually do their research. There is quite difference also by occupation. Self-employed people tend to score themselves highest, followed by students and employed people.

**Relative Importance of Features**

Survey provides the data about relative importance of features. People were asked to assign 100% of weights to the four features: Battery, Price, Sound and Weight. Taking overall average: The sound is most important feature – 36%, followed by price – 29%, battery – 23% and weight – 12%. This pattern continues within the more relevant group, people with intention to buy a new product, especially in two largest groups employed and students. For employed females Battery life is more important than price. The graph below provides full detailed information.

