Abstract

*[Here, provide a short summary of what is presented in this document. Be brief and informative.]*

[Document title]

[Group Number, e.g., 901]

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Transferable Skills II – Human-Computer Interaction Module

2021-2022

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# Team Identification

|  |  |
| --- | --- |
| **Team Name:** | SHORT TEAM NAME |
|  |  |
| **Team Members:** | **[Name of Member]** |
|  | [NMEC] |
|  | [Course] |
|  | [Short bio including interests and competences] |
|  | **[Name of Member]** |
|  | [NMEC] |
|  | [Course] |
|  | [Short bio including interests and competences] |
|  | **[Name of Member]** |
|  | [NMEC] |
|  | [Course] |
|  | [Short bio including interests and competences] |
|  | **[Name of Member]** |
|  | [NMEC] |
|  | [Course] |
|  | [Short bio including interests and competences] |
|  | **[Name of Member]** |
|  | [NMEC] |
|  | [Course] |
|  | [Short bio including interests and competences] |

# TASK 01: General Idea Descriptiion

*[Here,make a brief description of your idea ]*

## Competitors

[Are there any competing systems in the market? Which are they? Who uses them? Can you identify weaknesses and strengths? ]

# TASK 02: User Characterization

*[Briefly explain why you chose these Personas and how they relate to your idea. Talk about the methods considered to obtain and validate information about the users.]*

## Personas

[The goal is to define one Persona that represents your core users. If you feel you need extra Personas, that is OK, but please talk with the teacher, first.]

|  |  |
| --- | --- |
| **John Doe, 25 years old Accountant** | |
| Artist female with solid fill | John Doe is …. |
| **Motivation:** | John wants to… |

|  |  |
| --- | --- |
| **Jane Doe, 95 years old, Retired** | |
| Artist female with solid fill | Jane Doe is …. |
| **Motivation:** | Jane feels she… so, she would like to.. |

# TASK 03: Characterization of Use (SCENARIOS)

*[Briefly explain how do you reached these scenarios. Brainstorming among team members; asked some potential users about what they envisaged to be a possible solution?]*

## Scenarios

[Describe the scenarios you defined to describe how a novel system would be used to fulfil the Persona’s motivations. Think of, at least, five scenarios exploring different aspects of your proposal.]

|  |  |
| --- | --- |
| **Title:** | **John does goes for a bike ride and gets lost** |
| One morning, John wakes up and decides to go explore the new city park on his bike. He….  …  … | |

|  |  |
| --- | --- |
| **Title:** | **John does goes for a bike ride and gets lost** |
| One morning, John wakes up and decides to go explore the new city park on his bike. He….  …  … | |

|  |  |
| --- | --- |
| **Title:** | **John does goes for a bike ride and gets lost** |
| One morning, John wakes up and decides to go explore the new city park on his bike. He….  …  … | |

# TASK 04a: Requirements

[Briefly explain the method considered to obtain the requirements and the rationale for their ordering. Identify those requirements that are more important and should be considered first. Why?]

|  |  |
| --- | --- |
| Priority | Requirement |
|  |  |
|  |  |
|  |  |

# TASK 04b: Consolidated Idea

[At this point, you already know your users, the contexts of use, the requirements. So, you can start making decisions about the characteristics of your interactive system. What equipment is best? How will the user interact with the system? Does it work with a specific operating system (e.g., Android, iOS)?]

Platform

Interaction

Device

# TASK 05: Low-fidelity Mockup – The Paper Prototype

*[Add an image of the different user interfaces you prototyped. You MUST had some description as a caption to each of the images. ]*

# TASK 06: Usability Testing Preparation

*[In this section you will start by explaining the methods considered for the evaluation, the list of tasks that you chose for it, and the tables/lists you used to support the evaluation. Templates for these documents will be available in eLearning.]*

## Methods

[Do not forget to pass the consent form. Check template in eLearning]

## List of Tasks

## Consent Form

[Reproduce, here, the form that was provided to the user to inform about the experiment conditions and obtain consent.]

## user table

[This is the table you used to provide the participant with a list of tasks and ask for information about executing each task (e.g., difficulty).]

## Observer Table

[Here, it should appear the table you used to register your observations while the user was performing the evaluation

## Post-tasks Questionnaire

*[Here you should reproduce the questionnaire that you used to obtain user feedback after the set of tasks was performed]*

# TASK 07: Prototype Evaluation

[Provide a brief intro about when were the evaluation performed]

## Participants

*[How many participants, age range, competences/occupation, were they familiar with using similar interactive systems? You must have at least 4 participants. They cannot be elements of your group.]*

## Evaluation Results

*[Summarize main results concerning the observer part of the evaluation: tasks that were more problematic, notable user feedback, positive findings?*

*[Then, summarize the results for the post-task questionnaire.*

*[In this section, keep in mind that you can use tables and graphics to present some of the results]*

## Evaluation Discussion

*[Discuss how the evaluation outcomes impacted the prototype. What needs to be added, removed, changed?]*

# TASK 08: Refined Mockup

*[After the evaluation, based on the user feedback, you refine the prototype*

# TASK 09: Critical Analysis of the Project

## Strengths

[What are the strong points of what you present?]

## Weaknesses

[What are the weak points of the presented work and how could they be addressed?]

## Workload

[Briefly state how was the work distributed among the team members. Who worked on what?]