

# Vision and Scope Document

Group 5

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## 1.1 Background (“What triggered this?”) {Arnar}

-Rationale and context for new product/system or changes made to an existing one

In our society, men and women of all ages are in difficult situations that require psychological assistance but they don't know where they can turn to.

There exist an app that will help identify whether or not an teenager is a troubled youth or not, and also identify the problem.

This product takes in all age groups from young to old, analyzes them and recommends the sort of help they might need.

-History or situation that led to decision to build this product/system

One of the creators of the product is also studying social work and has been studying it for almost four years. He got the idea when he saw that someone made an app for troubled teenagers and he wanted to do something similar. From there, the idea blossomed until today he has found use of it and also for all of his accumulated knowledge in both social work and computer science to make this website.

### 1.5 Vision statement (“What will the product accomplish for whom?”) {Thomas}

- Summary of long-term purpose and intent of the product
- Reflection of the expectations of all stakeholders
- Idealistic – but grounded in realities of markets, technologies, architecture, resources etc.

*Template:*

**For** everyone

**who** needs psychological assistance,

**the** [pending name]

**is** a mental health helpline

**that** will provide a questionnaire that will be evaluated once filled and the user given a number of websites, phone numbers and/or emails they can contact for any assistance they may need.

**Unlike** a similar app for troubled teenagers,

**our product** “saves face” by not telling the user what they suffer from and only tells them where they could go to for assistance.

## **2.1 Major features** (“What key things should the product be capable of?”) {Arnar}

-Major features or user capabilities (rule of thumb: the most important 10%)

-especially those distinguishing it from previous / competing products

1. It has three language settings: Icelandic, Polish, English.
2. It has a database over links to several possible help groups, organizations, etc compared to user needs.
3. In order to protect the users privacy, it is not needed to sign in the take the forms.
4. For further help and for help, the answers will be saved in a database for the use of psychiatrists and consultants.
5. You can go “back” and forward (next button) between the questions and the session stays the same.
6. It has over 20 multiple choice questions that is coded to determine the sort of assistance the user is in need of.

-Describe e.g. as use cases

-A foreigner can't understand the icelandic letters but can read english, so he changes it to the english setting so he can finally read the questions.

-A woman in a abusive relationship knows she needs some sort of help, answers the questions and is recommended several organizations to seek help from.

-An elderly man is in need of some sort of companionship, takes the test and is recommended a helpline tailored for his needs.

-A psychiatrist wants to have an idea of how the mental state of his patient will be that is about to pay him a visit, so he can check his file.

## **2.2 Scope of initial release** (“What should be rolled out first?”) {Atli}

- Beside features, scope can also comprise quality attributes (e.g. performance)
- Focus on features that will provide the most value at the most acceptable cost to the broadest community in the earliest time frame

Initial release will contain the website with the main content being the questionnaire that people are meant to answer ending with links to where said person can go for advice/help.

Instead of a login system for first release, we aim to store the information within the browser session itself and refer back to that if the user decides to go back in their questions to answer differently. Questions and potential outcomes will be hosted with the server software in a MySQL database.

The website will also offer language options for Icelandic, English and Polish. Questions can be biased based on gender, age and other potential variables. Answers will be in the form of “Agree a lot” down to “Disagree a lot”.

At the end the user will be offered links and, potentially, phone numbers and/or e-mail addresses of institutions or individuals who might be able to help them. The most applicable counselors will be chosen based off the questions answered with the user also having the option of seeing what applies less to them but might also help, through a sub-link on the ending page.

All checking of answers, pruning of questions and general processing will be done in the Java Spring application that will run in the background alongside the website. Results are fetched by comparing answers and finding the most fitting one from our MySQL database.