Software Requirements Specification

for

МЕТОД ОПРЕДЕЛЕНИЯ ЛЖИ ПО ПОВЕДЕНИЮ ЧЕЛОВЕКА

Version 1.0 approved

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Revision History

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| **Name** | **Date** | **Reason For Changes** | **Version** |
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# Introduction

## Purpose

Метод предназначен для использования на собеседованиях с целью повышения точности определения правдивости ответов.

## Document Conventions

Система определения лжи по поведению человека, далее СОЛПЧ.

## Intended Audience and Reading Suggestions

Продукт будет интересен менеджерам по кадрам и директорам, а также компаниям, часто проводящим веб-собеседования.

## Product Scope

Программный продукт представляет собой систему, позволяющую определять ложь по поведению интервьюера и добавлять в БД информацию собеседовании.

## References

…

# Overall Description

## Product Perspective

Указанную систему планируется использовать на собеседованиях, установленной на ПК.

## Product Functions

Идентифицировать интервьюера,

Анализ поведения,

Сохранения видео собеседования с моментами лжи,

Выдача отчёта по собеседованию.

## User Classes and Characteristics

Пользователями программного продукта выступают менеджерам по кадрам и директорам предприятий или компаний.

## Operating Environment

Программный продукт устанавливается на компьютере, будет использовать во время собеседования.

## Design and Implementation Constraints

Требования отсутствуют.

## User Documentation

Разработка руководства пользователя программных продуктом.

## Assumptions and Dependencies

Обязательным условие работоспособности программы является наличие контроллеров, с помощью которых будут получаться данные движений интервьюера.

# External Interface Requirements

## User Interfaces

Для администрирования программного продукта необходимо разработать пользовательский интерфейс, с помощью которого возможно запускать и останавливать режим определения лжи по поведению, либо добавления в БД.

## Hardware Interfaces

Контроллеры для захвата движений.

## Software Interfaces

Драйвера для контроллеров.

## Communications Interfaces

<Describe the requirements associated with any communications functions required by this product, including e-mail, web browser, network server communications protocols, electronic forms, and so on. Define any pertinent message formatting. Identify any communication standards that will be used, such as FTP or HTTP. Specify any communication security or encryption issues, data transfer rates, and synchronization mechanisms.>

# System Features

Контроллеры подключены к ПК и сам ПК с программой включены.  
Интервьюер садится напротив ПК и проходит собеседования. Система захватывает движения частей тела и глаз. Проводит анализ на определение лжи. Записывает отрезки с ложью в БД, формирует отчёт о собеседовании. По окончанию выдаёт сформированный отчёт.

## System Feature 1

<Don’t really say “System Feature 1.” State the feature name in just a few words.>

4.1.1 -

<Provide a short description of the feature and indicate whether it is of High, Medium, or Low priority. You could also include specific priority component ratings, such as benefit, penalty, cost, and risk (each rated on a relative scale from a low of 1 to a high of 9).>

4.1.2 Stimulus/Response Sequences

<List the sequences of user actions and system responses that stimulate the behavior defined for this feature. These will correspond to the dialog elements associated with use cases.>

4.1.3 Functional Requirements

<Itemize the detailed functional requirements associated with this feature. These are the software capabilities that must be present in order for the user to carry out the services provided by the feature, or to execute the use case. Include how the product should respond to anticipated error conditions or invalid inputs. Requirements should be concise, complete, unambiguous, verifiable, and necessary. Use “TBD” as a placeholder to indicate when necessary information is not yet available.>

<Each requirement should be uniquely identified with a sequence number or a meaningful tag of some kind.>

REQ-1:

REQ-2:

# Other Nonfunctional Requirements

## Performance Requirements

<If there are performance requirements for the product under various circumstances, state them here and explain their rationale, to help the developers understand the intent and make suitable design choices. Specify the timing relationships for real time systems. Make such requirements as specific as possible. You may need to state performance requirements for individual functional requirements or features.>

## Safety Requirements

<Specify those requirements that are concerned with possible loss, damage, or harm that could result from the use of the product. Define any safeguards or actions that must be taken, as well as actions that must be prevented. Refer to any external policies or regulations that state safety issues that affect the product’s design or use. Define any safety certifications that must be satisfied.>

## Security Requirements

<Specify any requirements regarding security or privacy issues surrounding use of the product or protection of the data used or created by the product. Define any user identity authentication requirements. Refer to any external policies or regulations containing security issues that affect the product. Define any security or privacy certifications that must be satisfied.>

## Software Quality Attributes

<Specify any additional quality characteristics for the product that will be important to either the customers or the developers. Some to consider are: adaptability, availability, correctness, flexibility, interoperability, maintainability, portability, reliability, reusability, robustness, testability, and usability. Write these to be specific, quantitative, and verifiable when possible. At the least, clarify the relative preferences for various attributes, such as ease of use over ease of learning.>

## Business Rules

<List any operating principles about the product, such as which individuals or roles can perform which functions under specific circumstances. These are not functional requirements in themselves, but they may imply certain functional requirements to enforce the rules.>

# Other Requirements

<Define any other requirements not covered elsewhere in the SRS. This might include database requirements, internationalization requirements, legal requirements, reuse objectives for the project, and so on. Add any new sections that are pertinent to the project.>

Appendix A: Glossary

<Define all the terms necessary to properly interpret the SRS, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each SRS.>

Appendix B: Analysis Models

<Optionally, include any pertinent analysis models, such as data flow diagrams, class diagrams, state-transition diagrams, or entity-relationship diagrams.>

Appendix C: To Be Determined List

<Collect a numbered list of the TBD (to be determined) references that remain in the SRS so they can be tracked to closure.>