AKADEMIA GÓRNICZO-HUTNICZA IM. STANISŁAWA STASZICA W KRAKOWIE

**WYDZIAŁ ELEKTROTECHNIKI, AUTOMATYKI,
INFORMATYKI I INŻYNIERII BIOMEDYCZNEJ**

KATEDRA AUTOMATYKI I INŻYNIERII BIOMEDYCZNEJ

DADM project documentation - draft

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Degree programme: *Biomedical engineering*
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Contents

1. List of changes

Name	Date	Details
Sylwia Mól	19-Nov-2017	Document created
Sylwia Mól	20-Nov-2017	Structure changed
Sylwia Mól	21-Nov-2017	Chapter "Authors" added, in-out table added

2. Assumptions

about the app - the aim, what you can do here etc.

3. Structure

dependences (tree), modules‘ descriptions

Module	Input	Output	Before that module
1	e.g. raw signal	e.g. JPEG image 320x240	e.g. modules 3,4
2			
3			
4			
5			
6			
8			
9			
10			
11			

4. User guide

4.1. Requirements

what user need to use this app - e.g. windows version etc

4.2. Instruction

instructions for user - GUI screens etc

5. Detailed description

5.1. Module 1

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.2. Module 2

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.3. Module 3

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.4. Module 4

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.5. Module 5

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.6. Module 6

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.7. Module 8

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.8. Module 9

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.9. Module 10

-detailed description of module, algorithm etc, NO CODES, only theoretical!

5.10. Module 11

-detailed description of module, algorithm etc, NO CODES, only theoretical!

6. Implementation

6.1. Tools

-python version, libraries

6.2. Module 1

-code

6.3. Module 2

-code

6.4. Module 3

-code

6.5. Module 4

-code

6.6. Module 5

-code

6.7. Module 6

-code

6.8. Module 8

-code

6.9. Module 9

-code

6.10. Module 10

-code

6.11. Module 11

-code

7. Tests

7.1. Module 1

-module 1 tests

7.2. Module 2

7.3. Module 3

7.4. Module 4

7.5. Module 5

7.6. Module 6

7.7. Module 8

7.8. Module 9

7.9. Module 10

7.10. Module 11

7.11. Application

-whole app tests

8. Authors

Authors of this project are students of Biomedical Engineering, AGH UST, Krakow, Poland.

Name	Role
Sylwia Mól	Project Manager
Jacek Fidos	Software architect
Maciej Gryczan	GUI engineer
Adrian Stopiak	Vizualization engineer
Malwina Molendowska	1st module developer
Klaudia Gugulska	2nd module developer
Kacper Turek	3rd module developer
Magdalena Rychlik	4th module developer
Alicja Martinek	5th module developer
Mateusz Pabian	6th module developer
Anna Grzywa	8th module developer
Magdalena Kucharska	9th module developer
Eliza Kowalczyk	9th module developer
Karolina Gajewska	10th module developer
Michał Kotarba	11th module developer

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