

Plan van aanpak - PROJECT

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Inhoud

1	Achtergronden	4
1.1	Opdracht	4
1.2	Projectnaam	4
1.3	Opdrachtgever	4
1.4	Organisatie	4
1.5	Stakeholders	5
1.6	Document structuur	5
2	Projectresultaat	6
2.1	Basics	6
2.2	Typesetting content	6
2.2.1	Equations	6
2.2.2	Units	6
2.2.3	Figures	6
2.2.4	Tables	7
2.2.5	Lists	7
2.3	Reference to bibliography items	7
3	Projectactiviteiten	8
3.1	Basics	8
3.2	Typesetting content	8
3.2.1	Equations	8
3.2.2	Units	8
3.2.3	Figures	8
3.2.4	Tables	9
3.2.5	Lists	9
3.3	Reference to bibliography items	9
4	Projectgrenzen	10
4.1	Basics	10
4.2	Typesetting content	10
4.2.1	Equations	10
4.2.2	Units	10
4.2.3	Figures	10
4.2.4	Tables	11
4.2.5	Lists	11
4.3	Reference to bibliography items	11

5	Tussenresultaten	12
5.1	Basics	12
5.2	Typesetting content	12
5.2.1	Equations	12
5.2.2	Units	12
5.2.3	Figures	12
5.2.4	Tables	13
5.2.5	Lists	13
5.3	Reference to bibliography items	13
6	Kwaliteit	14
6.1	Basics	14
6.2	Typesetting content	14
6.2.1	Equations	14
6.2.2	Units	14
6.2.3	Figures	14
6.2.4	Tables	15
6.2.5	Lists	15
6.3	Reference to bibliography items	15
7	Projectorganisatie	16
7.1	Basics	16
7.2	Typesetting content	16
7.2.1	Equations	16
7.2.2	Units	16
7.2.3	Figures	16
7.2.4	Tables	17
7.2.5	Lists	17
7.3	Reference to bibliography items	17
8	Planning	18
8.1	Basics	18
8.2	Typesetting content	18
8.2.1	Equations	18
8.2.2	Units	18
8.2.3	Figures	18
8.2.4	Tables	19
8.2.5	Lists	19
8.3	Reference to bibliography items	19
9	Kosten en baten	20
9.1	Basics	20
9.2	Typesetting content	20
9.2.1	Equations	20
9.2.2	Units	20
9.2.3	Figures	20
9.2.4	Tables	21
9.2.5	Lists	21
9.3	Reference to bibliography items	21

10 Risico's	22
10.1 Basics	22
10.2 Typesetting content	22
10.2.1 Equations	22
10.2.2 Units	22
10.2.3 Figures	22
10.2.4 Tables	23
10.2.5 Lists	23
10.3 Reference to bibliography items	23

Hoofdstuk 1

Achtergronden

1.1 Opdracht

Dit project is een augmented reality project in opdracht van Avans Hogeschool Breda, als onderdeel van de opleiding **Technisch Informatica**. Het project maakt gebruik van OpenCV voor motion detection en OpenGL voor de 3D graphics. Dit project zal computer gegenereerde beelden toevoegen aan reële beelden van de fysieke werkelijkheid. Het project zal worden geprogrammeerd in C en C++.

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

1.2 Projectnaam

Het project is genaamd: "PROJECT"

1.3 Opdrachtgever

Dit schoolproject heeft geen officiële opdrachtgever. De actuele opdrachtgever is dus Avans Hogeschool Breda. De eindbeoordeling zal worden gedaan door de periodecoördinator en andere docenten.

1.4 Organisatie

Het ontwikkelteam bestaat uit 5 Technisch Informatica studenten.

Tabel 1.1: Organisatie

Naam	Rol	Studentnr
Johannes Michel	Gitmaster	2060486
Robbert van Nijnatten	Projectleider	2052820
Raymond Rohder	Projectleider	1115099
Vincent Stout	Secretaris	2066962
Kevin van der Vleuten	Bugtracking	2059022

1.5 Stakeholders

De belanghebbenden van dit project zijn uiteraard de **gebruikers**. Zij leren de wereld en haar monumenten kennen door de applicatie te gebruiken. Daarnaast leren de **studenten** van het ontwikkelteam werken met 3D graphics, motion detection en augmented reality. **Basisscholen** kunnen het eindproduct ook toepassen tijdens topografie lessen.

1.6 Document structuur

Dit document is opgebouwd uit de volgende hoofdstukken.

1. ??
2. Projectresultaat
3. Projectactiviteiten
4. Projectgrenzen
5. Tussenresulten
6. Kwaliteit
7. Projectorganisatie
8. Planning
9. Kosten en baten
10. Risico's

Hoofdstuk 2

Projectresultaat

2.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

2.2 Typesetting content

2.2.1 Equations

An example of an inline equation is: the derivative of x^2 is $2x$. Equation (10.1) shows a display equation:

$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{2.1}$$

2.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

2.2.3 Figures

Here a figure named *logo.pdf* is inserted¹:



Figuur 2.1: Caption example

¹The *logo.pdf* file is located in the figs folder.

2.2.4 Tables

A table is shown in table 10.1.

Tabel 2.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

2.2.5 Lists

Numbered

Creating a numbered list:

1. First entry
2. Second entry

Descriptive

Creating a descriptive list:

First entry

Second entry

2.3 Reference to bibliography items

First are reference to a website is made [?], then a reference to an article [?] and finally a reference to a book [?].

Good luck!

Hoofdstuk 3

Projectactiviteiten

3.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

3.2 Typesetting content

3.2.1 Equations

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3.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

3.2.3 Figures

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Figuur 3.1: Caption example

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3.2.4 Tables

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Tabel 3.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

3.2.5 Lists

Numbered

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Descriptive

Creating a descriptive list:

First entry

Second entry

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Good luck!

Hoofdstuk 4

Projectgrenzen

4.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

4.2 Typesetting content

4.2.1 Equations

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$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{4.1}$$

4.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

4.2.3 Figures

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Figuur 4.1: Caption example

¹The *logo.pdf* file is located in the *figs* folder.

4.2.4 Tables

A table is shown in table 10.1.

Tabel 4.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

4.2.5 Lists

Numbered

Creating a numbered list:

1. First entry
2. Second entry

Descriptive

Creating a descriptive list:

First entry

Second entry

4.3 Reference to bibliography items

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Good luck!

Hoofdstuk 5

Tussenresultaten

5.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

5.2 Typesetting content

5.2.1 Equations

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$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{5.1}$$

5.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

5.2.3 Figures

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Figuur 5.1: Caption example

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5.2.4 Tables

A table is shown in table 10.1.

Tabel 5.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

5.2.5 Lists

Numbered

Creating a numbered list:

1. First entry
2. Second entry

Descriptive

Creating a descriptive list:

First entry

Second entry

5.3 Reference to bibliography items

First are reference to a website is made [?], then a reference to an article [?] and finally a reference to a book [?].

Good luck!

Hoofdstuk 6

Kwaliteit

6.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

6.2 Typesetting content

6.2.1 Equations

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$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{6.1}$$

6.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

6.2.3 Figures

Here a figure named *logo.pdf* is inserted¹:



Figuur 6.1: Caption example

¹The *logo.pdf* file is located in the figs folder.

6.2.4 Tables

A table is shown in table 10.1.

Tabel 6.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

6.2.5 Lists

Numbered

Creating a numbered list:

1. First entry
2. Second entry

Descriptive

Creating a descriptive list:

First entry

Second entry

6.3 Reference to bibliography items

First are reference to a website is made [?], then a reference to an article [?] and finally a reference to a book [?].

Good luck!

Hoofdstuk 7

Projectorganisatie

7.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

7.2 Typesetting content

7.2.1 Equations

An example of an inline equation is: the derivative of x^2 is $2x$. Equation (10.1) shows a display equation:

$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{7.1}$$

7.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

7.2.3 Figures

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Figuur 7.1: Caption example

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7.2.4 Tables

A table is shown in table 10.1.

Tabel 7.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

7.2.5 Lists

Numbered

Creating a numbered list:

1. First entry
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Descriptive

Creating a descriptive list:

First entry

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7.3 Reference to bibliography items

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Good luck!

Hoofdstuk 8

Planning

8.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

8.2 Typesetting content

8.2.1 Equations

An example of an inline equation is: the derivative of x^2 is $2x$. Equation (10.1) shows a display equation:

$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{8.1}$$

8.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

8.2.3 Figures

Here a figure named *logo.pdf* is inserted¹:



Figuur 8.1: Caption example

¹The *logo.pdf* file is located in the *figs* folder.

8.2.4 Tables

A table is shown in table 10.1.

Tabel 8.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

8.2.5 Lists

Numbered

Creating a numbered list:

1. First entry
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Descriptive

Creating a descriptive list:

First entry

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8.3 Reference to bibliography items

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Good luck!

Hoofdstuk 9

Kosten en baten

9.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

9.2 Typesetting content

9.2.1 Equations

An example of an inline equation is: the derivative of x^2 is $2x$. Equation (10.1) shows a display equation:

$$\begin{aligned} y_0 &= \frac{\sqrt{256}}{2} \\ &= 2^3 = 8 \end{aligned} \tag{9.1}$$

9.2.2 Units

An easy way to work with (SI) units: 1 Hz is equal to $2\pi \text{ rad s}^{-1}$.

9.2.3 Figures

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Figuur 9.1: Caption example

¹The *logo.pdf* file is located in the figs folder.

9.2.4 Tables

A table is shown in table 10.1.

Tabel 9.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

9.2.5 Lists

Numbered

Creating a numbered list:

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Creating a descriptive list:

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9.3 Reference to bibliography items

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Good luck!

Hoofdstuk 10

Risico's

10.1 Basics

Text is formatted with: **bold**, *italic* and underline. Section 10.1 is part of chapter 10.

10.2 Typesetting content

10.2.1 Equations

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10.2.2 Units

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10.2.3 Figures

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Figuur 10.1: Caption example

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10.2.4 Tables

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Tabel 10.1: Caption example

Name	Grade	Year
John	7.5	2012
Richard	2	2010

10.2.5 Lists

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