Projektopgave efterår 2016 – jan 2017 02312-14 Indledende programmering, 02313 Udviklingsmetoder til IT-Systemer og 02315 Versionsstyring og testmetoder. DTU Compute, Danmarks Tekniske Universitet.

Projektnavn: CDIOdel0

Gruppenr.: 11.

Afleveringsfrist: Fredag den 16/9 2016 Kl. 23:59

Vejleder: Henrik Bechmann

CDIO del0 rapport

Denne rapport er afleveret via Campusnet

Denne rapport indeholder 9 sider incl. denne side.

Studienr., efternavn, fornavn(e)

s145918, Bakonyvàri, Sebastian Tibor



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s165241, Olsen, Anders Wiberg



Timeregnskab

Hello, World!							
Time - regnskab	Ver. 2016-16-09						
Dato	Deltager	Design	Impl.	Test	Dok.	Andet	I alt
2016/13/09	Sebastian	0	0	0	1,5	0	1,5
2016/13/09	Iman	0	0	0	1,5	0	1,5
2016/13/09	Troels	0	0	0	1,5	0	1,5
2016/13/09	Emil	0	0	0	1,5	0	1,5
2016/13/09	Anders	0,25	0	0,25	1	0	1,5
	Sum						7,5

Indledning

Indeholder:

Emne, Formål, Problemformulering, Begrebsdefinitioner, Hypoteser, Synsvinkel, Teorivalg, Metode, Afgrænsning, Opgavens opbygning.

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Resumé

Indeholder:

Emne og problemstilling, Problemformulering, Formål, Metode, Indhold, Resultater, Konklusioner.

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Hovedafsnit

Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean. A small river named Duden flows by their place and supplies it with the necessary regelialia. It is a paradisematic country, in which roasted parts of sentences fly into your mouth. Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic life One day however a small line of blind text by the name of Lorem Ipsum decided to leave for the far World of Grammar. The Big Oxmox advised her not to do so, because there were thousands of bad Commas, wild Question Marks and devious Semikoli, but the Little Blind Text didn't listen. She packed her seven versalia, put her initial into the belt and made herself on the way. When she reached the first hills of the Italic Mountains, she had a last view back on the skyline of her hometown Bookmarksgrove, the headline of Alphabet Village and the subline of her own road, the Line Lane. Pityful a rethoric question ran over her cheek, then she continued her way. On her way she met a copy. The copy warned the Little Blind Text, that where it came from it would have been rewritten a thousand times and everything that was left from its origin would be the word "and" and the Little Blind Text should turn around and return to its own, safe country. But nothing the copy said could convince her and so it didn't take long until a few insidious Copy Writers ambushed her, made her drunk with Longe and Parole and dragged her into their agency, where they abused her for their projects again and again. And if she hasn't been rewritten, then they are still using her. Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean. A small river named Duden flows by their place and supplies it with the necessary regelialia. It is a paradisematic country, in which roasted parts of sentences fly into your mouth. Even the all-powerful Pointing has no control about the blind texts it is an almost unorthographic life One day however a small line of blind text by the name of Lorem Ipsum decided to leave for the far World of Grammar. The Big Oxmox advised her not to do so, because there were thousands of bad Commas, wild Question Marks and devious Semikoli, but the Little Blind Text didn't listen. She packed her seven versalia, put her initial into the belt and made herself on the way. When she reached the first hills of the Italic Mountains, she had a last view back on the skyline of her hometown Bookmarksgrove, the headline of Alphabet Village and the subline.

Kravspecifikation ud fra FURPS+ modellen.

Functionality.

A1: Skriv 'Hello, World!" i konsollen.

Usability.

A2: Brugeren skal ikke gøre andet end at starte programmet.

Reliability.

Performance.

Supportability.

Plus:

- Design constraints.
- Implementation requirements.
- Interface requirements.
- Physical requirements.

Konklusion

Produktorienteret konklusion.

Hvad fik I produceret/behandlet/undersøgt? – Hvad var resultatet?

The quick, brown fox jumps over a lazy dog. DJs flock by when MTV ax quiz prog. Junk MTV quiz graced by fox whelps. Bawds jog, flick quartz, vex nymphs. Waltz, bad nymph, for quick jigs vex! Fox nymphs grab quick-jived waltz. Brick quiz whangs jumpy veldt fox. Bright vixens jump; dozy fowl quack. Quick wafting zephyrs vex bold Jim. Quick zephyrs blow, vexing daft Jim. Sex-charged fop blew my junk TV quiz. How quickly daft jumping zebras vex. Two driven jocks help fax my big quiz. Quick, Baz, get my woven flax jodhpurs! "Now fax quiz Jack!" my brave ghost pled. Five quacking zephyrs jolt my wax bed. Flummoxed by job, kvetching W. zaps Iraq. Cozy sphinx waves quart jug of bad milk. A very bad quack might jinx zippy fowls. Few quips galvanized the mock jury box. Quick brown dogs jump over the lazy fox. The jay, pig, fox, zebra, and my wolves quack! Blowzy red vixens fight for a quick jump. Joaquin Phoenix was gazed by MTV for luck. A wizard's job is to vex chumps quickly in fog. Watch "Jeopardy!", Alex Trebek's fun TV quiz game. Woven silk pyjamas exchanged for blue quartz. Brawny gods just

Processorienteret konklusion.

Hvordan giksamarbejdet? – Hvad var godt? – Hvad kunnehave været bedre? – Hvad lærte

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Forslag til videre arbejde og forbedringer.

Bilag.

1. Hello, world! java kode

Ord- og tegnforklaring.

- CDIO: Conceive Design Implement Operate.
- UML: Unified Modelling Language.
- UP: Unified Process.

- Lorem Ipsum: Lorem ipsum dolor sit amet.
- Pangram: The quick brown fox jumps over the lazy dog.

Litteratur- og kildeliste.

- 1. Bechmann, Henrik og Tange, Henrik: Forelæsningsslides, 02313 Udviklingsmetoder til IT-systemer E16, 2016-09-13.
- 2. Hansen, Hans, Java bog, 2014, 3. udgave, Hinsted Forlag, Hinsted, ISBN 2412-4421-5335-33, 3590 sider.
- 3. Blind Text Generator, version 1.5, læst: 2016-09-13, URL: http://www.blindtextgenerator.com/lorem-ipsum

Bemærk: disse kilder er ikke henvist til pga. rapportens natur. Indholdet er simpelthen uden betydning.

Bilag 1

```
public class App {
    public static void main (String[] args) {
        System.out.println("Hello, World!");
    }
}
```