Scientific Background

Sections & Sub-Sections

Tools Used (Eclipse – collabode – Dream Waver – Etherpad)

Algorithms (In the Real-Time-Collaboration)

Problems:

- Connection from Server to Browser (Collabode)

- Transmission from server to client (fps – hardcoded user interface)

- Real Time Collaboration (State the algorithms and approaches)

- Similar Technologies (Etherpad – WebRTC – Skype – Google Wave <http://wiki.eclipse.org/Google_Wave_ECF_provider> – Eclipse Cola <http://wiki.eclipse.org/RT_Shared_Editing> )

Also (<http://collabedit.com/> && <http://vimeo.com/1195398> ECF (Eclipse Communication Framework, Link: <http://www.eclipse.org/ecf/> )

Technology:

PHP – Java Script – Java – EJS

Purposes & Goals:

Learning – Development

Growing up with the life style of the development to be an enormous place for the society of developers around the world, sharing experience.

It also might be used in free lancing in a new way that will make it easier to develop and testing and manage project all on the cloud.

A glorious breakthrough, in the technology of computer engineering science.

ADD Links

Section 1 - Used Technology

I need to explain the used technology like ether pad and eclipse and collabode... Explaining each of them

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| **Methods**  What belongs in the "methods" section of a scientific paper?   1. Information to allow the reader to assess the believability of your results. 2. Information needed by another researcher to replicate your experiment. 3. Description of your materials, procedure, theory. 4. Calculations, technique, procedure, equipment, and calibration plots. 5. Limitations, assumptions, and range of validity. 6. Desciption of your analystical methods, including reference to any specialized statistical software.   The methods section should answering the following questions and caveats:   1. Could one accurately replicate the study (for example, all of the optional and adjustable parameters on any sensors or instruments that were used to acquire the data)? 2. Could another researcher accurately find and reoccupy the sampling stations or track lines? 3. Is there enough information provided about any instruments used so that a functionally equivalent instrument could be used to repeat the experiment? 4. If the data are in the public domain, could another researcher lay his or her hands on the identical data set? 5. Could one replicate any laboratory analyses that were used? 6. Could one replicate any statistical analyses? 7. Could another researcher approximately replicate the key algorithms of any computer software?   Citations in this section should be limited to data sources and references of where to find more complete descriptions of procedures.  Do not include descriptions of results. |

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| **Methodology** | This section should include an account of the research questions and/or hypotheses to be investigated, relevant methods of investigation and an argument for why you think these methods are the most appropriate ones for the question and for your circumstances. You should consider the benefits of your chosen method as well as identifying any disadvantages and how you overcame them. Ethical issues and the ways in which you dealt with them should be noted. This section should also discuss any variations from the original fieldwork plan, and should conclude with a reflection on the experience of doing fieldwork. |

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| **Methodology**  In this section, you will need to explain the methods, tools, and procedures used (if you are a student in the sciences) while conducting the research. If you are a humanities student, explain the structure you will use for your dissertation by stating the core argument of each chapter, the links between chapters and how this will help prove the point you wish to make.  For humanities students, this section could be part of the dissertation’s introduction. |

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| **Methodology**  A detailed account of the research questions  and/or hypotheses to be investigated.  Relevant methods of investigation.  Why you think these methods are the most  appropriate ones for the question and for  your circumstances. |