

ABSTRACT

A project is generally done by a group of people. Everyone who joined in a project have their respective duties. Therefore we need an effective job description for the project to run optimally. These are usually present in the Job Description. The web application will answer all these problems. This application will resemble the merger forums and chat rooms, so everyone who joined in a project can communicate with ease, knowing the task of every person, every conversation will be recorded, it's easy to share the work.

Java programming language using Vaadin framework chosen, because it is easy to implement. Programmer who only has knowledge of Java to create web applications without the need to have knowledge about web programming, such as HTML, CSS, JavaScript, AJAX, jQuery, JSP. Hibernate technology is also used to be a liaison between the Java with the database. By using Hibernate, the application will not depend on a variety of databases. For example, such as migration from MySQL to Oracle, will be easy to implement.

Applications JobDesk expected to meet the needs of project management where the team members can no meet somewhere. Although different city even though the state, provided that has an Internet connection, the project can still run regularly, and progress is not disrupted. Giving a clear duty to the members can still be done, though not met. Communications continue to run smoothly by using the chat feature. And the data is needed to keep distributed to each member, although not able to meet.

ABSTRAK

Proyek pada umumnya dikerjakan oleh sekumpulan orang. Anggota yang tergabung dalam suatu proyek mempunyai tugasnya masing-masing. Rincian tugas yang efektif agar proyek dapat berjalan dengan optimal. Hal-hal tersebut biasanya terdapat dalam *Job Description*.

Aplikasi *web* akan menjawab semua permasalahan tersebut. Aplikasi ini akan menyerupai penggabungan forum dan *chat room*, sehingga setiap orang yang tergabung dalam suatu proyek dapat berkomunikasi dengan mudah, mengetahui tugas setiap orang, semua percakapan akan tercatat, mudah untuk *share* hasil pekerjaan.

Bahasa pemrograman *Java* dengan menggunakan *framework Vaadin* dipilih, karena mudah untuk diimplementasikan. Programmer yang hanya memiliki pengetahuan *Java* dapat membuat aplikasi *web* tanpa perlu memiliki pengetahuan tentang *web programming*, seperti *HTML*, *CSS*, *JavaScript*, *AJAX*, *jQuery*, *JSP*. Teknologi *Hibernate* juga digunakan untuk menjadi penghubung antara *Java* dengan *database*. Dengan menggunakan *Hibernate*, aplikasi tidak akan tergantung pada 1 jenis *database*. Misalnya seperti migrasi dari *MySQL* ke *Oracle*, akan mudah untuk diimplementasikan.

Aplikasi *JobDesk* diharapkan dapat memenuhi kebutuhan *project management* dimana para anggota tim tidak dapat bertemu di suatu tempat. Meskipun berbeda kota bahkan negara sekalipun, asalkan memiliki koneksi *internet*, *project* dapat tetap berjalan teratur, dan perkembangannya tidak terganggu. Pemberian tugas secara jelas kepada anggota dapat tetap dilakukan, meskipun tidak bertemu. Komunikasi tetap dapat berjalan lancar dengan menggunakan fitur *chatting*. Dan data-data yang dibutuhkan dapat tetap dibagikan ke setiap anggota, meskipun tidak dapat bertemu.

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