

UNIVERSITI TUNKU ABDUL RAHMAN

Faculty of Engineering and Science

Bachelor of Science (Hons) Software Engineering

**UECS 3333**

**Web Engineering**

Assignment

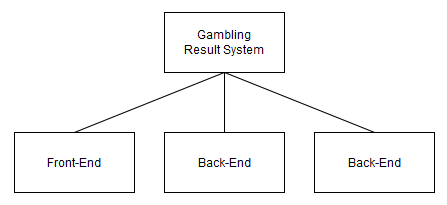
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| --- | --- | --- | --- |
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LECTURER & TUTOR: Mr. Simon Lau

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**Work Breakdown Structure**

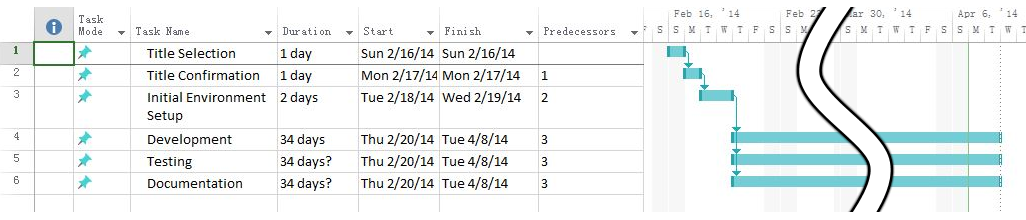


The Gambling Result System is divided into 3 categories:

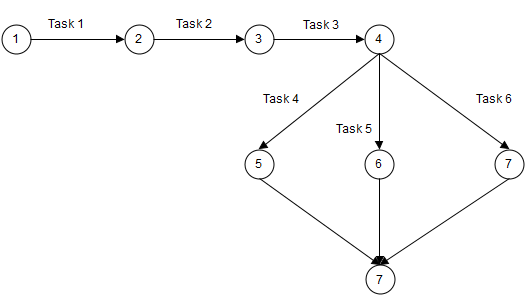
1. The front end
2. The back end
3. Documentation

The front-end aspect is handled by Ng Han Seng, which encompasses HyperText Markup Language (HTML), Cascading Style Sheet (CSS) and JavaScript (JS). The back-end aspect is handled by Kwang Say Thong, which uses the PHP HyperText Preprocessor and MySQL database. The documentation is completed by Yim Jiun Yann, which comprises of this document and models.

**Gantt Chart**

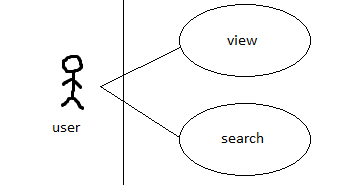


**AOA Network Diagram**



**Requirements Specification**

Functional Requirements

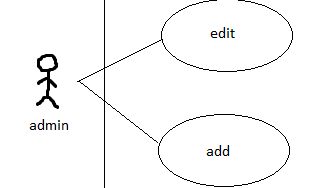


**Brief Description**

The user accesses the Gambling Result System, and either views the latest result, or searches for a particular result by Date and Vendor.

**Initial Step by Step**

1. The User searches a particular date by clicking on the Date bar.
2. The system displays a calendar for the User to choose.
3. The User selects desired date.
4. The user searches a particular vendor by clicking on the Vendor drop down list.
5. The system displays vendors available.
6. The User selects desired Vendor.
7. The User clicks on Search to initiate search.
8. The system provides the requested result.



**Brief Description**

The Admin accesses the Gambling Result System through the hidden Admin page, and either edits the existing results to correct mistakes or add new results to the database.

**Initial Step by Step**

1. The User access the hidden admin page.
2. The User fills up the User Name and Password to log in.
3. The User can then choose to either add or edit.
4. The system shows a form.
5. The User fills up the form.
6. The system saves the form into database.

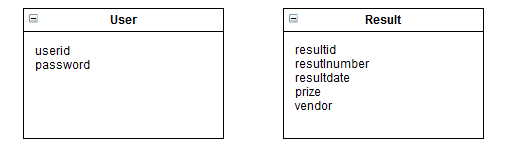
Non-Functional Requirements

The Gambling Result System (GRS) will be on a dedicated server with high speed Internet capability. The physical machine to be used will be determined by the Client. The System is developed using Wampserver and assumes the client to make use of a tool for connection between the Web pages and the database. The speed of the GRS’s connection will depend on the hardware used rather than characteristics of this system.

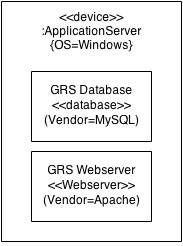
The Administrator will be able to login from the webpage in a hidden webpage and will be able to update the results from there. MySQL was used for the database and assumes the Client has someone to maintain the database for them.

**System Design**

Data Model (WebML Structure Model)



Physical Architectural Configuration (UML Deployment or Block Diagram)



Interaction Model (UML Sequence Diagram)

