**WBS dictionary of the first iteration**

**Project Name: AlphaXiu Gobang Webgame Project**

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| WBS dictionary entry October 21 |
| Project Title: Gobang project on the web |
| WBS entry number: 1.1 |
| WBS item name: Determine the direction of the project |
| Description: The members of the project team discuss the direction of the project as a major project management task, and initially determine the project requirements.  The goal of this project is to build a web version of Gobang game with two functions: two-player game and man-machine game. |

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| WBS dictionary entry October 21 |
| Project Title: Gobang project on the web |
| WBS entry number: 1.2 |
| WBS entry name: Identify key stakeholders of the project |
| Description: The key stakeholders of the project are an important guarantee for the success of the project. The project team college needs to communicate with project stakeholders frequently to confirm the progress and direction of the project.  The project stakeholders of this project include: Project Acceptance Officer: Pang Xiongwen; project team members: Chen Han, Zhang Tianle, Zhou Canmiao, Cao Yunshu. |

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| WBS dictionary entry October 21 |
| Project Title: Gobang project on the web |
| WBS entry number: 1.3 |
| WBS entry name: Determine the project manager |
| Description: The project manager is the leader of the entire project. A good project manager can bring a good working atmosphere to the members of the project team, ensure that the project scope, time, cost, etc. are effectively managed, thereby ensuring the successful delivery of the project. |

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| WBS dictionary entry October 21 |
| Project Title: Gobang project on the web |
| WBS entry number: 1.4 |
| WBS item name: Create project charter and project management plan |
| Description: According to the results of the first meeting, the project manager will excavate and sort out the project information, and work with the project members to compile the content of the project charter and determine the project management plan. |

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| WBS dictionary entry October 23 |
| Project Title: Gobang project on the web |
| WBS entry number: 2.1 |
| WBS entry name: Create Scope Statement |
| Description: The scope statement can effectively determine the scope of the project. A reasonable scope definition is very important to the success of the project, because the project definition helps to improve the accuracy of time, cost and resource estimates. According to the results of the first meeting, the project manager excavates and sorts out the project information, and writes the scope statement together with the project members. |

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| WBS dictionary entry October 23 |
| Project Title: Gobang project on the web |
| WBS entry number: 2.2 |
| WBS entry name: Create schedule management plan |
| Description: According to the results of the first meeting, the project manager excavates and sorts out the project information, and compiles the schedule management plan with the project members. |

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| WBS dictionary entry October 23 |
| Project Title: Gobang project on the web |
| WBS entry number: 2.3 |
| WBS entry name: Create WBS and WBS dictionary |
| Description: According to the results of the second meeting, the project manager will excavate and sort out the project information, and work with the project members to compile WBS and WBS dictionaries, and update them during the subsequent project. |

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| WBS dictionary entry October 25 |
| Project Title: Gobang project on the web |
| WBS entry number: 3.1 |
| WBS item name: Project research |
| Description: Use the questionnaire method to find out the actual needs and evaluations of the learners on the web version of Gobang. The main requirements of questionnaire surveys are that they can highlight the main research topics, be highly referable, and be able to cover the specific groups targeted by the product when they are launched, and the amount of data is sufficient. When designing the survey questionnaire, consider the user's acceptable number of questions, the length of the questionnaire, and the experience when filling in the questionnaire, try to introduce text descriptions, and use more choices and scoring methods. At the same time, the time point selected during the placement is as large as possible and there is time to fill in the time period, and placed in a large number of places. After designing the questionnaire, hold a discussion meeting with the project department to determine whether the quality of the questionnaire is satisfactory before launching. After the recovery, the data should be analyzed in time, and a discussion meeting with the project department should be held to extract key information for the next step of the design. |

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| WBS dictionary entry October 25 |
| Project Title: Gobang project on the web |
| WBS entry number: 4.1 |
| WBS Item Name: Create Use Case Document |
| Description: After clarifying the requirements, complete the preparation of the use case document according to the requirements. According to the market research results, analyze the use requirements, and after clarifying the requirements, formulate relevant use cases. At the same time, the use case text writers choose to complete the higher priority use case text based on the priority of each use case. Description, use cases The text description needs to be clear and easy to understand. After the sample text is written, all members of the project team will discuss and correct errors. After the discussion, the project team followed up with the code implementation based on the use case text. |

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| WBS dictionary entry October 25 |
| Project Title: Gobang project on the web |
| WBS entry number: 5.1 |
| WBS item name: Design and implementation of the main interface of the Gobang webpage |
| Description: The main boundary (page) of the web version of Gobang. The main interface prototype design requires that the content and functions displayed to users are as many as possible but not intensive, highlight the main functions of the application, and display the latest information to users. In the design process, it is necessary to consider what users most want to see and do when using the application, and focus on the main interface for display. At the same time, it is necessary to refer to other similar applications of the same type for interface design to give users the best user experience. After the design is completed, a discussion meeting should be held between the project team to check whether it meets the needs of the user and proceed to the next stage of design work. |