**WBS dictionary of the second iteration**

**Project Name: AlphaXiu Gobang Webgame Project**

**1. Coding task**

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| WBS dictionary entry November 01 |
| Project Title: Gobang project on the web |
| WBS entry number: 5.2 |
| WBS item name: Realize the drawing of chessboard interface and chess pieces |
| Description: The first step to the success of the Gobang project is to show a friendly UI interface to ensure that the system has a good user experience. Software developers need to design and complete the system UI based on the physical version of Gobang interface. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 5.3 |
| WBS item name: Realize the two-player game function |
| Description: Complete the writing of the logic code for the Gobang two-player game, and complete the writing of the detailed design document according to the use case document. After the function development is completed, the software tester will test it. After the test is completed, the software developer will optimize the code according to the situation. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 5.4 |
| WBS item name: Realize the man-machine game function |
| Description: Completion of the logic code for the Gobang man-machine game, and the detailed design document according to the use case document. After the function development is completed, the software tester will test it. After the test is completed, the software developer will optimize the code according to the situation. |

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| WBS dictionary entry November 13 |
| Project Title: Gobang project on the web |
| WBS entry number: 5.5 |
| WBS item name: Optimizing the decision-making algorithm of the machine in the human-machine game function |
| Description: Optimize the logic code of the Gobang man-machine game. At the same time, complete the preparation of detailed design documents according to the use case documents. After the function development is completed, the software testers will test them to ensure that the system performance meets the user's requirements. |

**2. Project management document writing task**

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 6.1 |
| WBS entry name: Update project management plan |
| Description: The existing project management plan needs to be modified according to the changes in the project development process, and the project management plan should be templated as much as possible. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 6.2 |
| WBS entry name: writing communication management plan |
| Description: Compile the project communication management plan with reference to the communication management plan template. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 6.3 |
| WBS item name: WBS and Gantt chart analysis |
| Description: Compile WBS, WBS dictionary, update Gantt chart  Person in charge: Chen Han  ① Responsible for supervision and ensure that tasks are completed on time;  ② Responsible for writing WBS and WBS dictionaries  Collaborators: Zhang Tianle, Zhou Canmiao, Cao Yunshu  ① Responsible for writing WBS dictionary;  ② Update the Gantt chart according to the WBS dictionary information;  ③ Normalize the WBS dictionary of the first iteration. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 6.4 |
| WBS entry name: update cost management plan |
| Description: Update the cost management plan according to the WBS dictionary information. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 6.5 |
| WBS item name: update quality management plan and risk management plan |
| Description: Update the risk management plan and record risk changes based on the current team situation. |

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| WBS dictionary entry November 08 |
| Project Title: Gobang project on the web |
| WBS entry number: 6.6 |
| WBS item name: Update demand tracking matrix |
| Description: Update the demand management document and demand tracking matrix according to the WBS dictionary and light plan. |