PRODUCT BACKLOG – SPRINT BACKLOG

Group: 2

Full name: Nguyen Chi Long Student ID: 20210553

Full name: Ngo Xuan Bach Student ID: 20215181

Full name: Le Xuan Hieu Student ID: 20215201

Full name: Nguyen Chan Hung Student ID: 20215209

Full name: Dinh Viet Quang Student ID: 20215235

Full name: Nguyen Viet Thang Student ID: 20215245

Full name: Nguyen Hoang Viet Student ID: 20215255

Full name: Vu Tuan Hung Student ID: 20194773

1. **Product backlog**

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| **TASK NAME** | **Estimated Sprint** | **DURATION**  in days | **Priority** |
| Project Initialization and Planning | 1 | 7 | 1 |
| Feasibility Study | 1 | 7 | 2 |
| Database Initialization for users | 1 | 10 | 1 |
| Interface Basic Initialization | 1 | 9 | 2 |
| Features Implementation: Authentication | 1 | 14 | 1 |
| Feature Implementation: Course Display - Carousel | 1 | 14 | 1 |
| Feature Implementation: Management UI for Admin | 1 | 14 | 1 |
| Refining the Mock User Interface | 2 | 7 | 2 |
| Core Features Implementation for Users | 2 | 14 | 1 |
| Core Features Implementation for Admins | 2 | 14 | 1 |
| Further Setting up for Database and Model Designing | 2 | 7 | 3 |
| Final Adjustments from Clients' requirement | 3 | 7 | 2 |
| Testing, Debugging and Program Deployment | 3 | 10 | 2 |
| Final Documentation and Presentations | 3 | 10 | 1 |
| Project Closure | 3 | 2 | 4 |

1. **Sprint 1 Backlog**

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| **CornHub - An online learning platform** | | | | | |
| **Product Backlog** | | | **Task** | **Responsible** | **Estimate Hours** |
| Sprint 1 | | | | | |
| Agents | Actions + Sub-action | |  |  |  |
| Users, Clients | Login - Signup into Homepage | Login default / Login with Google(Optional) | UI design for Signup, Login Page | Đinh Việt Quang | 2 |
| Sign up | Data rendering for Signup - Login | Ngô Xuân Bách | 4 |
| Forgot password | Basic UI design for Homepage | Đinh Việt Quang | 5 |
| Users, Clients | View Homepage | View courses | UI design for HomePage | Đinh Việt Quang | 3 |
| Create courses (teacher only) | NavBar and Footer design | Nguyễn Việt Thắng | 4 |
| View profile | Course rendering | Nguyễn Chí Long | 3 |
| Show login/logout | Logout feature | Ngô Xuân Bách | 2 |
| Users, Clients | Create course and add contents (Teacher only) |  | CRUD operations for creating course | Lê Xuân Hiếu | 6 |
| Users, Clients | View courses | Show approval status | Automatically check information fields | Lê Xuân Hiếu | 5 |
| Show course's overview | Database design for course | Ngô Xuân Bách | 14 |
| Users, Clients | Join course |  | course API | Ngô Xuân Bách | 6 |
| Users, Clients | View profile | Show personal information | Database design for users | Nguyễn Hoàng Việt | 5 |
| Show my learning (shortcut to courses) | UI design for user profile | Nguyễn Chấn Hưng | 4 |
| Change password, personal information | user API | Nguyễn Hoàng Việt | 2 |
| Admin | Course management |  | Database design for admin | Nguyễn Chí Long | 6 |
|  | Automatically check conditions | Vũ Tuấn Hùng | 4 |
|  | basic UI design for Admin | Nguyễn Chấn Hưng | 4 |