

Team Contract Draft

Team Members:

- Bartosz Kawalkowski (CS) (kawalkba@mail.uc.edu)
- Harshil Patel (CS) (patel3hs@mail.uc.edu)

Project Title: Windows Process Protector with Web-based Monitoring

Meeting Schedule:

- Frequency: Weekly online meetings via Microsoft Teams
- Timing: Every Thursday at 4 PM EST, for a duration of 120 minutes (2 hours)

Project Overview:

Develop a comprehensive process protection system for 64-bit Windows applications with a web-based monitoring interface. Key features include:

- Process protection against unauthorized access and malicious activities
- User interface for selecting protected processes and displaying real-time data
- Web application for remote monitoring and threat alerts
- Compatibility with 64-bit Windows systems
- Performance optimization and security measures

Roles and Responsibilities:

1. Bartosz Kawalkowski:
 - Primary focus: Anti-cheat / backend development
 - Specific responsibilities: Kernel-level driver development, process protection mechanisms, algorithm creation, compatibility assurance, performance optimization
2. Harshil Patel:
 - Primary focus: Web application / frontend development
 - Specific responsibilities: Web interface design and implementation, data visualization, alert system creation, authentication mechanism implementation

Collaboration Expectations:

- Regular communication via email and team meetings
- Shared responsibility for integrating backend and frontend components
- Joint problem-solving for technical challenges
- Collaborative approach to balancing security and usability

Fall Semester Timeline:

- Weeks 1-2: Project planning and role definition
- Weeks 3-6: Design specification development
- Weeks 7-10: Initial prototype implementation
- Weeks 11-13: Prototype refinement and testing
- Week 14: Preparation for design review and presentation

Time Commitment:

Each team member must dedicate at least 45 hours to this project over the fall semester. Breakdown:

- Weekly meetings: 2 hours x 14 weeks = 28 hours
- Individual work time: 17 hours spread across the semester

Communication Guidelines:

- Respond to emails within 24 hours
- Use collaborative tools for task management and code sharing
- Document progress and decisions after each meeting
- Share weekly progress reports via email