CTPA Students Contribution Statement

Project Title: Using AI cameras to check the compliance of staff in the shop				
Team Member	Activity (these are suggestions of the ways you may have			
	contributed. There may be others and some may not be			
	applicable).			
	You may also add comments to further explain your			
	contribution or partial contribution to an activity.			
Team Member 1 Photo	Documents			
	• Formatting all the documents Software Development.			
	• Project Plan(Section 5, 6).			
	Project-Specific Assessment Criteria (Overall section)			
william	• SRS - Software/System Requirements Specification (
	Section 1,2, 4 & 6)			
	SADRR - System Architecture Design and Research Benerit (Section 1, 2, 4, 1, 4, 2, 4, 2, 5)			
	Report (Section 1, 2, 4.1, 4.2, 4.3, 5). • DSDR- Detailed System Design and Implementation			
	(Section 2, 5).			
	 SQAP - Software Quality Assurance Plan (Chapters 1, 2) 			
	Design			
	Front-End Design Suggestion			
A A A	System Architectural Design Suggestion			
Name: Vuong Khang	Backend Design			
Minh	Software Development			
Student ID: 104179690	Backend Development			
	Research			
	Research Into Detailed System Design			
	 Research into technical platforms, languages and tools 			
	Networks			
	Meeting Scheduler			
	Supervisor contactor Purious Management			
	Project Management • Microsoft Team			
	Microsoft TeamConfluence			
	Discord			
	Google Docs			
	Google Drive			
	Meetings			
	Supervisor Regular Weekly Meeting			
	Weekly Team Meeting			
	Weekly Client Meeting			
	Presentation			
	 Created presentation slides 			
	Practiced and delivered the presentation			
	Other			
	Coordinated team activities			
	Document manager: assigned tasks, managed progress,			
	and ensured documentation accuracy			

Team Member 2 Photo



Name: Nguyen Dang Khanh Toan Student ID:103487389.

Documents

- Project Plan(Section 1, 2)
- Project-Specific Assessment Criteria (Overall section)
- SRS Software/System Requirements Specification (Section 3, 5)
- SADRR System Architecture Design and Research Report (Section 3.2).
- SQAP Software Quality Assurance Plan (Chapter 3, 4)
- DSDR- Detailed System Design and Implementation (Section 1).

Design

- Front-End Design
- System Architectural Design

Research

- Research into Architecture and Deployment solutions Networks
 - Meeting Scheduler

Project Management

- Microsoft Team
- Confluence
- Discord
- Google Docs
- Google Drive

Meetings

- Supervisor Regular Weekly Meeting
- Weekly Team Meeting
- Weekly Client Meeting

Presentation

- Created presentation slides
- Edit video

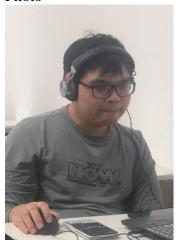
Deployment

• Design deployment solutions

Other

• Document quality control

Team Member 3 Photo



Name: Nguyen Ha Huy

Hoang

Student ID: 103487444

Documents

- Project Plan (Sections 3, 4)
- Project-Specific Assessment Criteria (Overall section)
- SRS Software/System Requirements Specification
- SADRR System Architecture Design and Research Report (Section 4.4).
- DSDR- Detailed System Design and Implementation (Section 4.1).
- SQAP Software Quality Assurance Plan (5, 6, 7)

Design

- Design action recognition system
- Design Algorithm to preprocess data
- Design workflow for the action recognition system

Research

- Research into AI models for action detection
- Research into hardware for action detection
- Research into data for action recognition
- Research into libraries for action recognition

AI Engineering

- Develop AI models for action recognition
- Develop data pipeline for action recognition

Networks

- Supervisor contactor
- Team organizer and leader

Project Management

- Microsoft Team
- Confluence
- Discord
- Google Docs
- Google Drive

Meetings

- Supervisor Regular Weekly Meeting
- Weekly Team Meeting
- Weekly Client Meeting

Presentation

- Created presentation slides
- Created demo video

Team Member 4 Photo

Documents

- Project Plan(Section 7, 8)
- Project-Specific Assessment Criteria (Overall section)
- SADRR System Architecture Design and Research Report (Section 4.4).
- SQAP Software Quality Assurance Plan (Chapter 8,
 9)
- DSDR- Detailed System Design and Implementation (Section 3.2, 4.2).



Name: Nguyen Cuong

Nhat

Student ID: 104178590

Design

- Design the solution workflow
- Design the architecture of AI model
- Design the multi-camera workflow
- Design the data pipeline architecture

Research

- Research into AI models for object detection
- Research into AI models for object tracking
- Research into AI models for uniform checking
- Research into AI models for person-reidentification
- Research into multi-camera tracking microservices

AI Engineering

- Develop AI models for object detection and tracking
- Develop AI model for uniform checking
- Develop data pipeline for image processing

Networks

- Meeting Scheduler
- AI models organizer

Project Management

- Microsoft Team
- Confluence
- Discord
- Google Docs
- Google Drive

Meetings

- Supervisor Regular Weekly Meeting
- Weekly Team Meeting
- Weekly Client Meeting

Presentation

- Created presentation slides
- Created demo video

Team Member 5 Photo



Name: Nguyen Dang Duc

Anh

Student ID: 104182520

Documents

- Project Plan(Section 9, 10)
- Project-Specific Assessment Criteria (Overall section)
- SADRR System Architecture Design and Research Report (Section 3.1).
- SQAP Software Quality Assurance Plan (Chapter 10, 11)
- DSDR- Detailed System Design and Implementation (Section 3.1).

Design Details

- Edge-cloud architecture solution
- (Server) High level architecture
- (Server and store) Low level architecture

Research Details

- High performant video processing workflow
- Scalable event driven microservice
- Fault-tolerant architecture

Networks
Software developer
Project Management
Microsoft Team
 Confluence
 Discord
 Google Docs
Google Drive
Meetings
Supervisor Regular Weekly Meeting
Weekly Team Meeting
Weekly Client Meeting
Presentation
 Created presentation slides

I declare this is an accurate description of team contributions of the team members

Signature	Date
minh	30/7/2024
nhat	30/7/2024
anh	30/7/2024
toan	30/7/2024
hoang	30/7/2024
	minh nhat anh