1 the target is integrated between the refactored CLR module and AI system.

2 the framework is based on Ali Cloud (the suggestion is Azure/Amazon Cloud)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Arch | CPU | Memory | CPU main frequency | File Disk | Database Disk | Period | Num | Cost |
| X86 | 4 vCPU | 16G |  |  |  | 1 Year | 6 | 4750 EUR |

3 Resource list for this AI project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Profile | GCM Level | Rate EUR | Desc |
| Yaroslav | PM/SME | France | 760 | overall architecture, coordination between all technical tasks and resources and prepare the related document |
| Zhao Pen | DevOps & ScrumMaster | Chinese GCM4 | 295 | to take care of Git, CI/CD pipeline and deployment of demo application and as the ScrumMaster |
| Ioannis Bistinas | Data scientist | Netherlands | 525 | to package the cargo scanning models |
| Jeffrey Lupes | Data engineer/Python developer | Netherlands | 458 | to support the integration |
| Gabriele | developers | Chinese | 330 | integration via message bus, message payloads, configuration UI |
| Fang Qun | developers | Chinese GCM2 | 295 | integration via message bus, message payloads, configuration UI |
| Maqbool | Data scientist | Chinese GCM5 | 399 | To support and learn the AI architecture |

4 Planning (each sprint is 2 weeks), the project start date is 6 July and end date is 14 Oct with three sprints and total cost is 60,320 EUR which is included the cost of resource and infra and buffer 30%

4.1 Sprint 1, It is from 6 July to 17 July. The total cost is 23,055 EUR, the detail backlog will be defined by PM with team

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Profile | Rate EUR | MD | Comment |
| Yaroslav | PM/SME | 760 | 5 | specifications |
| Zhao Pen | DevOps& ScrumMaster | 295 | 10 | containerization of Risk and as the ScrumMaster |
| Ioannis Bistinas | Data scientist | 525 | 10 | image analysis models |
| Jeffrey Lupes | Data engineer/Python developer | 458 | 5 | HS classification models |
| Gabriele | developers | 330 | 10 | X-ray image files, integration of risk assessment pipeline |
| Fang Qun | developers | 295 | 5 | Backup DE |
| Maqbool | Data scientist | 399 | 10 | Backup DS |

4.2 Sprint 2, It is from 20 July to 31 July. The total cost is 12,345 EUR, the detail backlog will be defined by PM with team

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Profile | Rate EUR | MD | Comment |
| Zhao Pen | DevOps& ScrumMaster | 295 | 5 | as the ScrumMaster |
| Ioannis Bistinas | Data scientist | 525 | 5 | image analysis models |
| Gabriele | developers | 330 | 10 | integration of risk assessment pipeline and risk rules |
| Fang Qun | developers | 295 | 10 | risk rules |
| Maqbool | Data scientist | 399 | 5 | Backup DS |

4.3 Sprints3, it is from 3 Oct to 14 Oct. The total cost is 6,250 EUR, the detail backlog will be defined by PM with team

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Profile | Rate EUR | MD | Comment |
| Zhao Pen | DevOps& ScrumMaster | 295 | 5 | demo deployment and as ScrumMaster |
| Gabriele | developers | 330 | 10 | declaration methods, coaching of Fang Qun, support of Zhao Pen |
| Fang Qun | developers | 295 | 5 | findings screen |