|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY SKILLS MAP – PRODUCT rISK ANALYST** | | | | | | |
| **Sector** | Infocomm Technology | | | | | |
| **Track** | Product Development | | | | | |
| **Sub-track** | Quality, Risk and Security | | | | | |
| **Occupation** | Risk Specialist | | | | | |
| **Job Role** | **Product Risk Analyst** | | | | | |
| **Job Role Description** | The Product Risk Analyst identifies potential risks and controls by analysing user patterns, track changes and report these changes to the Product Risk Manager. He/She supports risk mitigation activities, perform research on targeted scope determined by the manager to deliver data-driven insights. He is also responsible for supporting the maintenance of the risk management framework within the full product development lifecycle. He ensures that risk management checks are performed with documentations duly completed and ensure internal controls are in place.  He performs risk assessments based on directives from the manager and drafts the written report. He is familiar with the format and requirements of such reports and applies risk management guidelines throughout the full product development lifecycle. He is also analytical in applying these risk management concepts and thinking skills to product development and propose recommendations to enhance the current risk management framework and policies.  The Product Risk Analyst synthesises information from risk management assessments and is confident in communicating findings to the team in a clear and compelling manner. | | | | | |
| **Critical Work Functions and Key Tasks** | **Critical Work Functions** | **Key Tasks** | | | | |
| **Identify potential risks and controls** | Support execution of routine risk mitigation activities | | | | |
| Discover potential risks by analysing user patterns and the full product usage process during the testing phase | | | | |
| Track changes in threats, impacts and control effectiveness in products | | | | |
| Research on insights related to regional product risk governance approvals, trends, emerging risks, and external markets to assess possible risks | | | | |
| Work with Governance, Risk and Control (GRC) automation tools and Enterprise Risk Management (ERM) tools to support risk assessment processes in products that are in its’ development and launch stages | | | | |
| Deliver regular communication to educate product teams on technical skills and breach management processes required to facilitate risk breach incidents and risk mitigation | | | | |
| **Maintain end-to-end product risk management framework** | Supports control mapping to risks and associated security risk frameworks | | | | |
| Ensure relevant controls are performed as required | | | | |
| Provide evidence to support the organisation’s monitoring processes and internal audit reviews of each product | | | | |
| Ensure formal documentations in risk registers and maintenance logs, detailing pre-launch and post-launch conditions against stipulated risk assessment metrics | | | | |
| **Present findings and documentations to relevant stakeholders** | Develop written reports on risk assessment of products pre-launch and post-launch | | | | |
| Present insights and findings and for senior management and for firmwide training purposes. | | | | |
| Acts as a trusted risk advisor for risk management in product teams across the organisation | | | | |
| Engage with counterparts in other control functions, business segments, and countries for clarification and/or explanation of ambiguous or missing inputs in the risk assessment reports | | | | |
| **Implement new risk management policies and solutions** | Implement policies and risk management strategies on new products and platforms | | | | |
| Creatively problem solve complex and difficult situations with product teams to ensure risks are mitigated | | | | |
| Propose suggestions in enhancing existing risk management policies and framework | | | | |
| Provide support to various product teams on risk management procedures through process re-engineering the product lifecycle | | | | |
| **Skills and Competencies** | **Technical Skills and Competencies** | | | **Critical Core Skills** | | |
| Business Risk Management\* | | Level 3 | Collaboration | | Intermediate |
| Data Analytics\* | | Level 3 | Decision Making | | Basic |
| Internal Controls in Product Development\* | | Level 2, Level 3 | Problem Solving | | Intermediate |
| Process Improvement and Optimisation\* | | Level 3 | Sense Making | | Intermediate |
| Quality Standards\* | | Level 4 | Transdiciplinary Thinking | | Basic |
| Product Risk Analytics\* | | Level 3 |  | | |
| Risk and Crisis Management\* | | Level 3 |
| Product Risk Assessment\* | | Level 4 |
| Risk Compliance and Governance\* | | Level 4 |
| Systems Thinking\* | | Level 3 |
| Test Planning\* | | Level 2, Level 3 |
| Agile Software Development | | Level 3 |
| AI Ethics and Governance | | Level 2, Level 3 |
| Applications Development | | Level 3 |
| Business Continuity | | Level 4 |
| Business Needs Analysis | | Level 3 |
| Business Requirements Mapping | | Level 3 |
| Configuration Tracking | | Level 2 |
| Data Ethics | | Level 3 |
| Data Visualisation and Storyboarding | | Level 3 |
| Emerging Technology Synthesis | | Level 3 |
| Networking | | Level 3 |
| Partnership Management | | Level 3 |
| Performance Management | | Level 4 |
| Problem Management | | Level 3 |
| Product Management | | Level 3 |
| Quality Assurance | | Level 3 |
| Software Testing | | Level 2, Level 3 |
| Stakeholder Management | | Level 2, Level 3 |
| Strategy Implementation | | Level 3 |
| **Programme Listing** | For a list of Training Programmes available for the ICT sector, please visit: www.skillsfuture.sg/skills-framework/ict | | | | | |
|  |  |  | |  |  | |
| The information contained in this document serves as a guide.  \*Note: Technical Skills and Competencies (TSCs) with an asterisk (\*) refer to Priority Skills (i.e., TSCs to be prioritised for this role). | | | | | | |