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| **Explain the technique used in the development of RMI application, related to cloud computing and virtualization for distributed environment.(Individual Components)** | |
| Table of contents | |
| Introduction | 1. Background and context of the RMI application development project 2. Significance of cloud computing and virtualization in distributed systems |
| Background and concepts | 1. RMI framework and its role in building distributed systems 2. Cloud computing and virtualization concepts 3. Objectives and goals 4. Overview of RMI application architecture and components |
| System Design | 1. RMI application components and their interaction 2. Data flow and communication protocols |
| Implementation (30%) | 1. Detailed explanation of RMI application development 2. Code snippets, diagrams, and relevant technical details |
| Testing(10%) | 1. Testing strategies and methodologies 2. Testing plan and criteria for success 3. Test cases, results, and a summary table |
| Deployment in the cloud | 1. Explanation of how the RMI application is deployed in a cloud computing environment 2. Benefits and challenges of cloud-based deployment |
| Future enhancements | 1. Exploration of emerging technologies and trends in cloud computing and virtualization |
| Conclusion | 1. Summary of the key findings and accomplishments |
| References | 1. List sources and references cited in the document |
| Appendices | 1. Additional materials, code samples and supplementary information |
| **Note: Focus more on this areas mostly on below component as suggested by university** | 1. **Implementation 30%** - Each student has to develop a part of the RMI application. 2. **Evaluation & Justification 20% -** The part what he/she developed here, the student need to evaluate the functions based on Usability, Maintainability and Heterogeneity at last student need to provide justification on why the implementedf functionis essential in the RMI application. 3. **Testing 10% -** Provide any one testing manual which covers the function implemented individually. |