

# United States International University-Africa

## Fall Semester 2022

### **APT / IST 4900 FINAL-TERM PROJECT**

### **Students Weekly Progress Monitoring work plan**

Progress Presentations	Period	Systems Development 2.5	Project Report (Documentations) 2.5
Log book meeting 1 5 marks	Week 1 – 2	<b>Problem definition and topic selections</b> <b>Systems design interface development</b> <ul style="list-style-type: none"> <li>Font size, font color and legibility</li> <li>Consistency, uniformity and alignment</li> <li>Easy navigation within the system</li> <li>Professional outlook</li> </ul>	<b>Chapter One :</b> Introduction
Log book meeting 2 5 marks	Week 3 – 4	<b>Data Input, Processing and Validation</b> <ul style="list-style-type: none"> <li>Add, update and delete</li> <li>Validation (Empty Fields, Correct Format, Correct Length)</li> </ul>	<b>Chapter Two :</b> Literature Review & Theory
Log book meeting 3 5 marks	Week 5-6	<b>Database systems development</b> <ul style="list-style-type: none"> <li>Database Structure (Proper Normalization up to 3NF)</li> </ul>	<b>Chapter Three :</b> Research Design and Methodology  <b>Chapter Four :</b> Systems Analysis and System Design
Log book meeting 4 5 marks	Week 8-9	<ul style="list-style-type: none"> <li><b>Data Integrity and System Security</b></li> <li>Encryption of Passwords etc</li> </ul>	<b>Chapter Five:</b> Research findings and analysis <b>Chapter Six:</b> Discussion conclusion and recommendations
Log book meeting 5 5 marks	Week 10-11	<ul style="list-style-type: none"> <li><b>System Reports</b> <ul style="list-style-type: none"> <li>Layout and clarity</li> <li>Usefulness in decision making</li> </ul> </li> </ul>	<b>Chapter Seven:</b> systems development documentaion framework for the protyotype
Log book meeting 6 5 marks	Week 12 – 13	<ul style="list-style-type: none"> <li><b>System Completeness and full working Integration</b></li> <li>Completeness of modules (towards satisfying all objectives)</li> </ul>	<ul style="list-style-type: none"> <li><b>References</b></li> <li><b>Appendix</b></li> <li>Submitting the project in the Global computer science/ICT students innovation challenge competitions and hackathons plus incubation labs</li> <li>Patenting of the work and copyrighting</li> </ul>
<b>REMARKS</b> Please be filling the corresponding progress presentations in the Project log book Minimum word count should be 6000 words			