[1. Introduction: 6](#_Toc159909579)

[1.1.1. Needs analysis: 7](#_Toc159909580)

[1.1.2 Monitoring & Reporting: 7](#_Toc159909581)

[1.1.3 Scalability Planning and maintenance: 7](#_Toc159909582)

[**1.2 Overview of Edusphere Proconnect:** 8](#_Toc159909583)

[**1.3** **Problem Statement, Causes and its Effects** 9](#_Toc159909584)

[1.3.1 Causes for the above mentioned problem: 10](#_Toc159909585)

[1.3.2 Effects of the above mentioned problem: 10](#_Toc159909586)

[**1.4 Proposed Solutions:** 11](#_Toc159909587)

[2. System Development Life Cycle (SDLC): 12](#_Toc159909588)

[**2.1 Phases of SDLC** 12](#_Toc159909589)

[Planning: 12](#_Toc159909590)

[Analyzing: 13](#_Toc159909591)

[Designing 13](#_Toc159909592)

[Implementation 13](#_Toc159909593)

[Testing: 13](#_Toc159909594)

[Deployment 13](#_Toc159909595)

[Maintenance 14](#_Toc159909596)

[**2.2 Gantt Chart:** 14](#_Toc159909597)

[**2.3 Workload matrix:** 15](#_Toc159909598)

[3. Feasibility study: 15](#_Toc159909599)

[**3.1 Operational Feasibility Analyses:** 16](#_Toc159909600)

[**3.2 Technical Feasibility Analysis:** 16](#_Toc159909601)

[**3.3 Economic Feasibility Analysis:** 16](#_Toc159909602)

[**3.4 Schedule Feasibility Analysis:** 17](#_Toc159909603)

[**3.5 PIECES Framework:** 17](#_Toc159909604)

[4. System Analysis 18](#_Toc159909605)

[**4.1 System Design** 18](#_Toc159909606)

[4.2 ERD life History 19](#_Toc159909607)

[4.3Entity relation Diagram 20](#_Toc159909608)

[4.5 Contest Diagram 21](#_Toc159909609)

[4.6 Data Flow Diagram 21](#_Toc159909610)

[4.7 Design data dictionary 22](#_Toc159909611)

[5. Individual Component 23](#_Toc159909612)

[**5.1 Individual Component: Atul Dhital** 23](#_Toc159909613)

[**5.2 Individual Component: Asmita Rawal** 24](#_Toc159909614)

[**5.3 Individual Assignment: Khushi Kumari Das** 26](#_Toc159909615)

[**5.4** **Individual Assignment: Sajina Silwal** 28](#_Toc159909616)

[**6. Design UI** 30](#_Toc159909617)

[**6.1 Data Dictionary** 30](#_Toc159909618)

[**6.2 Entity Life History:** 31](#_Toc159909619)

[6.3 UI Deisgn for EDusphere Proconnect 32](#_Toc159909620)

[**7. Conclusion** 39](#_Toc159909621)

[8. References 40](#_Toc159909622)