|      |      | Date_/_/ Page  |
|------|------|--|
| 1    | 3.   | Femilional Requirements  |
|      | · ch | tirding trailing the matter than the   |
|      | 3.1  | Transaction Authorization  |
|      |      | ualedate credit and detil  |
|      |      | Transaction Authorization  ualedate credit card details & customes  credentials.   |
|      |      | Authorize transcation  |
|      |      | Authorize transcations in real limes   |
|      | 3.2  | Payment Processing.  |
|      | 0    | Handle teament be  |
| 1983 | 1/20 | Handle teansactions across multiple carde.   |
|      |      |  |
|      |      | support domestic & international teansaction.  |
|      |      | * Maintan Atter material   |
|      |      | Refind & Cancellation  |
|      |      | Process refunds for canceled a refunded reluenced teameattions.  Maintain a clear record of refund history.                  |
| 100  | 0    | Maintain a clies was to and the  |
|      | 1000 | returned a clear reloted of refund history.  |
|      |      | R LN ( Day )   |
|      | 7    | Fraud Detettion & Security.  Implement fraud addection algorithms.  Notify merchants & customers of suspicions transactions. |
|      |      | Implement feard oldertion algorithms.  |
|      | •    | Notify mulchants & customers of suspicione   |
|      |      | + canactions.  |
|      | 7 1  | 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7   |
| 3.   | 5    | Reporting  |
| 15,6 | 1195 | Generale reports for merchants, banks &  |
|      |      | administrator en teansaition volumes, failures   |
|      |      | E retunde.   |
|      | 1    | poor rose was  |
| 4    |      | Interface Réquire ments  |
|      |      | sinster street   |
| 4.   |      |  |
| ,4,  |      | Use Interface.   |
| -    |      | Muchant dashboard for fromaction mont  |
| 7000 |      | lling A Co Dunialia  |
|      |      | automi interface for payment confirmation  |
|      |      | 6 arrivale   |

|            | Page   |
|------------|--|
| 4.2        | Integration Interfaces   |
|            | API Integration with meubant websites  |
|            | mobil appr & POS systems.  |
|            | Integration with south & paymed  |
| 100        | galeniays.   |
|            | galeniays.   |
| 5          | Performance Regissemente   |
|            | Sylim support time <= 2 suonds per   |
| court      | teans action   |
| o          | Handle atleast 50,000 concurred than   |
| STUDIO     | -actions during peak hours   |
|            | Maintain 99.99 1. upstine  |
|            | 33 Report & Canadahan  |
| 6.         | Design Consteaints   |
| . 0        | Must comply with PCII DSS  |
| 12.13 (c.) | Data base: Relational with energetion  |
| - 19       | enabled.   |
|            | Barkend: Java, Sping Boot.   |
| - I see    | traplant last the affects  |
| 7.         | Non functional Regissemente.   |
|            | this trailer to the same and the same to the same and the |
| 7.1        | Securely:  |
| •          | End to end energytion  |
| 3 100      | End to end energytion<br>To kenization of card defails to pend<br>storage of sometime data.  |
| Lat        | Storage of servitive dala.   |
| 0          |  |
| 7.2.       | Reliability  |
| ,          | High quailability with failoner & disat  |
|            | tigh availability with failoner & disat  |
|            |  |
| 7-3        | Scolability  |
|            | support national & international lund  |
| 300        | didouniers.  |
|            |  |