

Project Identification

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| Project: | GBC Parking Reservation System |
| Prepared By: | Afsana Bilkis Ritu |
| Document Version: | 1.0 |
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Contributors

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Distribution

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| | |

Referenced Documents

| Version number | Title | Author | Date | Source / Location |
|-----------------------|--------------|---------------|-------------|--------------------------|
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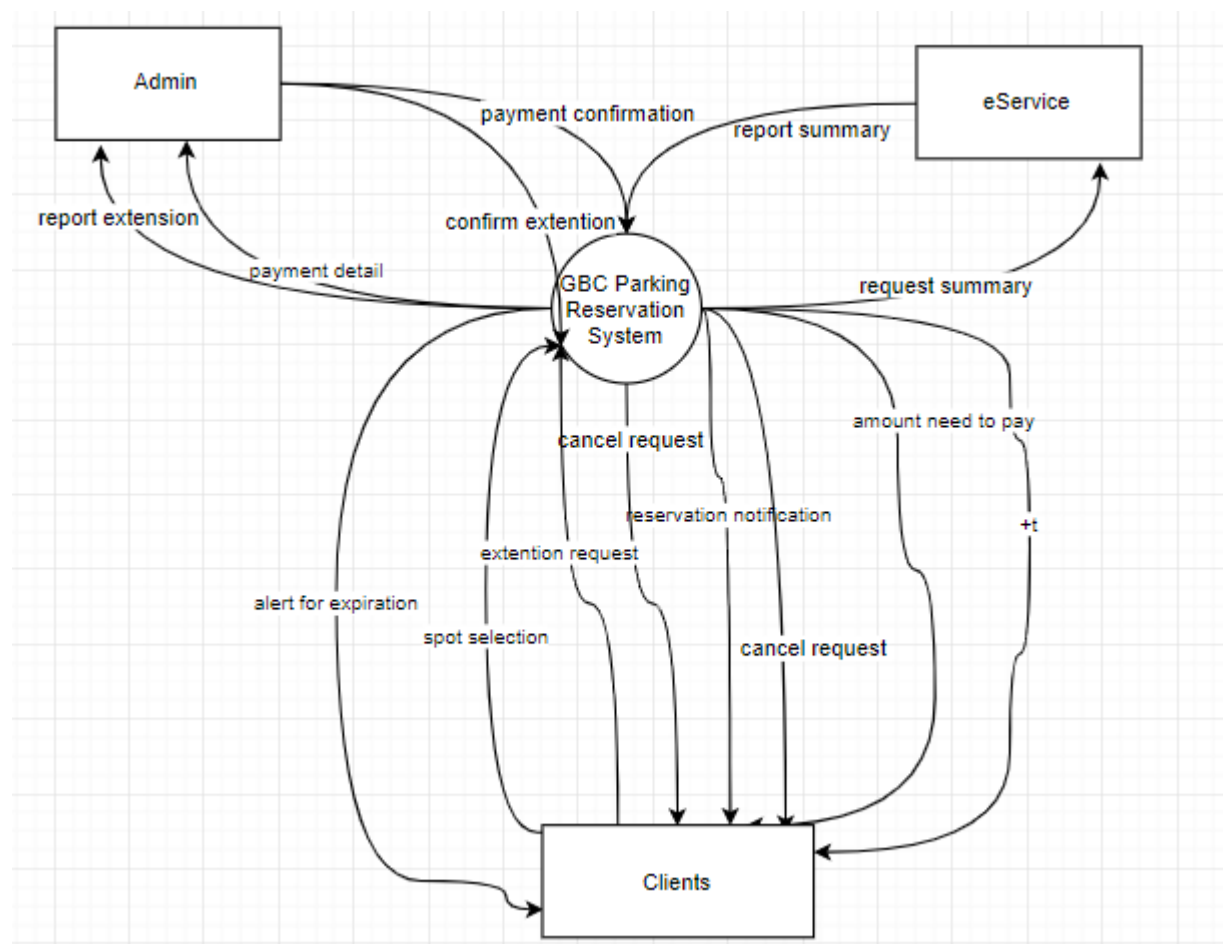
Revision History

| Version Number | Revision Date | Summary of Changes | Modified by |
|-----------------------|----------------------|---------------------------|--------------------|
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1. Business Context Diagram:



HIGH LEVEL REQUIREMENTS : GBC Parking Reservation System

| Requirement Scope Area | Description |
|--------------------------------|---|
| GBC Parking Reservation System | This web system will offer clients to reserve the parking slots before entering in the college. |

| External Entity | Description |
|-----------------|---|
| eService | External area that will store clients details like payment history, reservation confirmation and clients details. |
| Clients | Clients who can view available slots, reserve slots and even cancel reservation |
| Admin | GBC employee who can confirm reservation,payment and ensure the extension |

| Information Flows | Description |
|--------------------------|---|
| Spot selection | After logging in, the system will show the parking spot selection interface. User will select the lot and then the spot they wish to reserve (if available). User will then input their name and license plate number in order to reserve the spot. |
| Parking Payment | Amount of parking fee will be calculated based on the time slot picked by the client e.g, 2 hours, 4 hours. |
| Recording report | The system will record time slot picked, license plate, parking spot, id, name etc. |
| Summary report | The system will demonstrate the summary report based on the request of admin |
| Payment confirmation | The admin will verify the payment of the client |
| Extension request | If any client needs an extension they can request it and the system Will offer extra time depending on the availability. |
| Reservation notification | The system will notify the client about the confirmation of reservation. |
| Alert for expiration | Before the expiration of the reservation the client will get an alert message |
| Cancelling booking | One can easily cancel the reservation, but it has to be within a limited period of time |
| Report Extension | The system will report the extension request for booking and admin will confirm it |
| Amount needed to pay | The system will deliver the bill of charges to the client |

Requirements Scope Statements

| HLR# | Description | Priority (H, M, L) |
|-------|---|--------------------|
| HLR01 | Clients must be able to request for available parking slots | H |
| HLR02 | Clients must be able to view available slots | H |
| HLR03 | Clients must get notification for parking confirmation | M |
| HLR04 | Clients must be alerted before the expiration of reservation | M |
| HLR05 | Admin must be able to confirm reservation | H |
| HLR06 | Admin must be able to get the detailed information of clients | H |
| HLR07 | Clients must get payment history | H |

High Level Business Requirements Sign-Off

The undersigned acknowledge their agreement with the contents of Version <1.0> of the High-Level Requirements document for <GBC Parking Reservation System>.

Following approval of this document, requirements changes will be governed by the project's change management process, including impact analysis and appropriate reviews and approvals, under the general control of the Project Plan and according to company policy. Approved Change Request Documents, if present, will be attached to this Requirements Document as updates.

| Name | Project Role and Functional Area | Date Signed |
|--------------------|----------------------------------|-------------|
| Geng Zhang | Developer | 09/28/2019 |
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* Note: physical signatures are not required. Email approvals are acceptable and should be appended to project documents.