Table of Contents

[1 Introduction 3](#_Toc277939667)

[1.1 Purpose 3](#_Toc277939668)

[1.2 Scope of the project 3](#_Toc277939669)

[1.3 Glossary 3](#_Toc277939670)

[1.4 References 3](#_Toc277939671)

[1.5 Overview of the document 3](#_Toc277939672)

[2 Overall Description 4](#_Toc277939673)

[2.1 Functional Requirement Specification 4](#_Toc277939674)

[2.1.1 Home Page 4](#_Toc277939675)

[2.1.2 Registering with Grub Klub 5](#_Toc277939676)

[2.1.3 Searching 6](#_Toc277939677)

[2.1.4 Search Results 6](#_Toc277939678)

[2.1.5 Suppler Club Details Page 7](#_Toc277939679)

[2.1.6 Book Now 8](#_Toc277939680)

[2.1.7 Administrator Use Case 9](#_Toc277939681)

[2.1.8 Host Management 9](#_Toc277939682)

[2.1.9 SupperClub Management 10](#_Toc277939683)

[2.1.10 Accounting Management 10](#_Toc277939684)

[2.1.11 Reporting Management 10](#_Toc277939685)

[2.1.12 Content Management 10](#_Toc277939685)

[2.1.13 User Ratings and Profiling 10](#_Toc277939685)

[3 User Characteristics 11](#_Toc277939686)

[3.1 Non-Functional Requirements 11](#_Toc277939687)

# Introduction

## Purpose

The purpose of this document is to describe the features and functionalities of the Grub Klub website. The document will explain the purpose and features of the system, what the system will do and the constraints under which it must operate.

## Scope of the project

The scope of the project is to develop a Social Dining site (www.grubklub.com) to provide users (Guests) with aggregated and searchable information of Supper Clubs (dining at someone’s home) throughout the world with the ability to reserve tables via payment. Hosts (users that host supper clubs) should be able to upload their inventory for guests to find. We would like to build this on top of Facebook in order to connect Guests and Hosts based upon their likes/dislikes, interests, preferences

All Guests and Hosts will need to have a site profile/Avatar and would have an ongoing rating within the site as they use it. As such both parties should be able to leave ratings after each booking

The site will also have a Host community page where hosts can communicate with each other via a forum. The site will need to have the facility to have Hosts exchange products/ services among each other for free or money. Hosts should be able to post available products/services and other hosts should be able to buy or rent them. We expect this to be built in stage 2

On the back end admin would be able to manage content, check host applications and set them live

## Glossary

|  |  |
| --- | --- |
| Client | Refer to the client – Sid |
| Vendor | Refer to the development company – Ankit’s Team (AT) |
| Grub Klub (GK) | The name of the site that we are building. |
| Database | Collection of all the information monitored by this system. |
| Guest | Anyone visiting the site with the intention of finding a supper club. |
| Host | Any person who wants to set up/host a Supper Club |
| Supper Club (SC) | An event where hosts and guests connect at the Host’s house for a meal/social dining experience |
| Administrator | Admin who will have full access of admin section of website. |
| Field | A cell within a form. |
| Software Requirements Specification | A document that completely describes all of the functions of a proposed system and the constraints under which it must operate. |

## References

IEEE. IEEE Std 830-1998 IEEE Recommended Practice for Software Requirements Specifications.

IEEE Computer Society, 1998. **(AT – please check this – as I have limited knowledge on this)**

## Overview of the document

Net topic Overall description describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter.

Requirements Specification section, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product.

# Overall Description

The System has the following three active Users:

**Administrator:** The Administrator can access the entire system directly. They would have a password protected area where he can modify the site global settings, add master data in database.

**Guests:** Guests would be the registered and non-registered users of the website who would be able to surf the site and make bookings with hosts. They will make bookings via payment on the site

**Hosts:** Hosts are registered users of the website who can upload their supper club inventory for users to find. Once bookings are made Hosts will receive payment once a week

## Functional Requirement Specification

This section outlines the use cases for each of the active actor of the system that defines the interaction between the external actors and the system. Admin would control the overall site features from the back end and hosts would only be the general users of the site.

### Home Page

**Brief Description**

We would like to trial two versions

1. Users arrive on Site and have to login via Facebook to interact with the system
2. Users arrive on Site and can see all the functionality as below
   * 1. Ability for users to search Supperclubs with a simple search function of: (Main Content)
        1. Date
        2. City
        3. No. Of Seats
3. About Us Page (Header)
4. How does it work (Header)
5. Terms and conditions (Footer)
6. FAQ’s (Footer)
7. Site Map Page (Footer)
8. Host Login (Header, Extreme Right)
9. Connect based on Interest (Main Content)
10. Featured Host (Main Content)
11. Box Showing recent events being booked
12. Contact us (Footer)

We need to be able to disable/able these links

### Guest Use Case: Registering with GC

**Brief Description**

Guests are the general visitors of the website who will search the supperclubs through various search criteria and can make bookings via the site

**Initial Step-By-Step Description**

This section is for Guests who want to connect with Hosts who share their interests via a SC event. There are a variety of ways a Guest can find an SC and then make a booking. If they decided to register

1. Register with the site via the Facebook Login (this will be mandatory however we would like the option to switch it off if necessary). We would still require every user to have a username for this site – so this will need to be added as an extra field
2. Users then have the option to enter more information about themselves. This will be as a pop up with tick boxes with pre-designed options(options need to be available in CMS)
3. We would need to pull enough information from Facebook about the user in order to put build a profile of the user from which we can identify and predict future behaviour.
4. If not registering via facebook (and if we turn on this option) we will require
   1. First Name
   2. Last Name
   3. Email Address
   4. D.O.B.
   5. Postcode
   6. Country
   7. Interests (as above)

### Guest Use Case: Searching

**Brief Description**

This Use Case would define the features that would be available to Guests when searching for a Supper Club

**Initial Step-By-Step Description**

Search Option:

a) Ability to sort search results based on interests.

b) Ability for searching on set parameters

I) City

ii) Postcode

iii) Price

iv) Cuisine

v) Food Keywords

vi) Size of Event (number of guests)

vii) Ability to bring alcohol

viii) Meal Type (Breakfast, brunch, lunch,Afternoon Tea,Dinner)

viii) Diet (Vegetarian, Vegan, Pescatarian,Gluten Free, Nut Free,Shell Fish Free

ix) For Charity

x) Freefield search box

xi) Surprise me (this would bring up specially featured supper clubs from database, or supper clubs at random, based on location and date)

We would like to be able to choose what search options we offer and therefore it should be that we can add or remove search options. We should also be able to disable or able them. We need to track searches by users against their profiles on a back-end table, to remember their preferences. This needs to be easily reportable for stats

### Search Results

**Brief Description**

This page will show results based on the above results

**Initial Step-By-Step Description**

Show Results based on Above parameters

Default needs to be:

Closest Supper Club *note that SC hosts do not disclose their location until bookings confirmed and payments received, so return needs to be by area, not specific location*

Other Info to be displayed:

More Information on SC (Go to Details Page)

Google Map on Right Hand Side showing SC locations (Needs to be approximate)

Users can click on result on Map to go through to details Page

Box Showing recent events being booked

Ability for user to filter by criteria (e.g. date, user rating, food hygiene certif., etc)

Ability in review section to add ratings (e.g. friendliness, food, cleanliness) – all these fields need to be reportable by admin

### Details Page

**Brief Description**

This page will show the Host’s SC Details together with other events this Host offers in a calendar view

**Initial Step-By-Step Description**

Show the Events Main Image (or Host’s Default Image) at the top together with all the info as detailed in the Supper Club Management Section

Additional Options include

Book Now

Other Events hosted by Host

### Book Now

**Brief Description**

This page allows Guests to reserve spaces at SupperClubs via payment

**Initial Step-By-Step Description**

Should we use this system to build the booking system

<http://uk.bookingbug.com/>

### Administrator Use Cases

**Brief Description**

Super Admin would manage the sub-admin and set their permission levels on the administration.

Super admin can access all the section of admin panel and can assign access of various sections (like supperclub events, Admin Users, Guests, Hosts, categories, reporting) to relevant sub admins to manage.

**Initial Step-By-Step Description**

1. Add admin users
2. Edit admin users
3. Remove admin users
4. Deactivate/activate admin users

### Host Management

**Brief Description**

Admin would manage the Host on the system. Login should also be provided for Host to register after which email is sent to Admin for approval

**Initial Step-By-Step Description**

1.Add Host

1. SupperClub Name (Short Text Box)
2. Photographs (Upload files)
3. Trading Name (if different from company name) (Short Text Box)
4. Address 1 (Short Text Box) *not visible to guests*
5. Address 2 (Short Text Box) *not visible to guests*
6. Town/City (Short Text Box)
7. Area location (e.g Hackney, Shepherd’s Bush, etc)
8. Postcode (Short Text Box)
9. Primary Contact Name (Short Text Box)
10. Primary Contact Telephone Number (Short Numeric Box) *not visible to guests*
11. Primary Contact Email Address (Short Alphanumeric Box)
12. Company Registration Number (Short Alphanumeric Box) *optional field*
13. VAT Number (Short Alphanumeric Box) *optional fieldHo*st is Live (Tick box - Yes/No). *This would be shown automatically according to calendar of events. If no future events booked, box automatically ticked as No*
14. Payment Option (Cheque/Transfer) (Drop Down Menu)
15. Name on Cheque (Short Alphanumeric Box)
16. Bank Name (Short Text Box)
17. Account Name (Short Text Box)
18. Account Number ((Short Alphanumeric Box))
19. Sort Code (Short Numeric Box)
20. Bank Address ((Short Alphanumeric Box))
21. Have you Registered with your Council? (Tick box(yes no)
22. Do you have a Food Hygiene Certificate (Tick box (yes,no) *need option to send copy of Food Hygiene certificate via email (or ideally directly upload certificate*. This will be stored in back-end on host’s profile
23. Indemnity insurance? Y/N. Same specifications as Food Hygiene certificate
24. Host answers No to u, v or w, we will need to serve them a specific message while still allowing them to continue with application
25. Alcohol licence? Y/N

2. Edit Host’s Information

3. Deactivate/activate Host

4. Interface to show

5. Ability for Super Admin to display searches by specific criteria (e.g choose to display most popular/food hygiene certificate, etc)

6. Ability to do mass uploads if we add new fields (e.g. accreditations/awards)

.

### SupperClub Management

**Brief Description**

Management of the SupperClubs by Hosts and Admin

**Initial Step-By-Step Description**

1.Add SupperClub

i) SupperClub Live (Tick box) (SC should be shown on the website but is superseded

by supplier active / inactive tick box)

* Active *linked to future calendar events. If no future events, show as inactive (but always enable host to update info and therefore become active again. Automated email to be sent to user if no future events booked*
* Inactive *as above*

ii) Number of Seats (Numeric Box)

iii) Cuisine (DropDown Menu)

iv) Alcohol (Drop down Menu: available to buy on site, BYOB (with sub-menu of Corkage fee Y/N), no alcohol allowed)

v) Date, Start and End time (Calendar)

vi) Address (please populate with Hosts existing area location only , Allow them to add a new address which then gets associated with their profile.

viii) Event Name (Free text)

xi) SC Description (Large Text Box)

xii) Keywords associated with event (Should then be associated with Hosts Profile)

xiii) Meal Type (Drop Down Menu)

xiv) Diet (Drop Down Menu)

xv) Donation fee (Numeric Box)

xvi) Charity (Yes/No Tick Box) If Yes Choose % Of Price)

xvii) Upload Photograph (Use Default from Host)

xviii) Recurring Event (Daily(Choose Day),Weekly (Choose Day) Fortnightly(Choose Day)\_,Monthly (Choose Day by date).Biyearly (Choose Date), Yearly(Choose Date) (Recurring Event should be connected to Event Name)

xix) Allergy Considerations (Drop Down Menu)

xx) Ability for host to rate users

2. Edit SC’s Information

3. Deactivate/activate SC

4. Option of sending host emails from Super Admin or automated emails from site, depending on set criteria (e.g. no more future events listed, new review posted, etc)5. Each field to enable Super Admin to write examples/advice, to help host complete info

6. If site expands over multiple countries, ability to separate into multiple sites according to country, where some search criteria could be different

**Note**:

i) SC are associated with a Host

ii) Host active/inactive status takes precedence over SC active/inactive status if Host status set to inactive

iii) Fields will be provided but ability to expand fields in the future if necessary is required

iv) When the course details are shown on the website we need to be able to decide what fields are shown such as logo, price etc and make these changes as easily as possible

v) If fields available in multiple pages (e.g. calendar, preferences, etc.), they should all be linked to same back-end table in order to avoid conflicts

### Accounting Management

**Brief Description**

Admin would manage report on various parts of the management section.

**Initial Step-By-Step Description**

1. Number of SC created according to following criteria

a) By time period

b) By Host

c) By Cuisine

d) By Meal Type

e) By number of seats

1. Number of Hosts

a) Total number of Hosts

b) Active Hosts

c) Inactive Hosts

d) By Continent, Country, City/Town

e) By Time Period

1. Revenue Generated

a) Total Revenue

b) Revenue By Host

c) Revenue to GK

**Note:** Ability to export to Microsoft Excel

### Reporting Management

**Brief Description**

Automatically send updates to Hosts upon booked request

**Initial Step-By-Step Description**

1. Ability to send automated emails to the Host immediately after a booking

a) Send automatically to a pre-registered email address

b) Data to be stored in the Host Profile Page

c) Special Dietary Requirements and allergies to be Flagged

d) Option for SC host to refuse booking within 48 hours (e.g. if can’t accommodate dietary/allergen requirements) and for guest to be reimbursed full payment.

### Content Management

**Brief Description**

This would facilitate the admin to manage the content of the static pages like about us, contact us, privacy policy, FAQ’s, terms and conditions, and site map.

**Initial Step-By-Step Description**

1. Add content to the static pages like about us, contact us, privacy policy, term and condition, Site Map
   1. Add text
   2. Embed photos (provide WYSIWYG Editor)
2. Edit content to the static pages
3. Deactivate/activate content to the static pages

### User Ratings and Profiling

**Brief Description**

All Hosts and Guests must have a User Rating against them each time they have booked an SC or hosted an SC

Reviews of Guests need to be Positive or Negative. And count up the number of reviews to get to a number

Reviews of Hosts need to out of 5 with 1 being the lowest

In terms of profiling we need to build a profile on all users depending on what they are searching for on the site, facebook profile, location, user ratings, etc