



## Design and Development of Web Portal of Linda Tours Mumbai

Afshan Khan<sup>1</sup>, Palak Rambhia<sup>2</sup>, Rudra Malvankar<sup>3</sup>

Under Guidance of: Prof. Pradeep Shirke Group Members: CO, Vidyalankar Polytechnic, Mumbai

### ABSTRACT:

The goal of this paper is to improve user experience and operational efficiency in the tourism business by providing a thorough analysis of the creation and execution of an innovative website for Linda Tours Mumbai. The website uses cutting-edge features to speed up booking and transaction processes, like secure payment channels. The study examines the effects of these elements on user pleasure, booking convenience, and operational effectiveness using actual data as well as user comments. The research delves into the possibility for future improvements and the utilization of cutting-edge technology to augment the platform's functionalities.

### Introduction:

Demand for user-friendly platforms that improve the overall consumer experience and expedite the booking process is rising as the tourist industry becomes more digitally integrated. Linda Tours Mumbai started an initiative to create a cutting-edge website that would satisfy these demands in reaction to this trend. This article offers a thorough study of the website's development process, salient features, and effects on user happiness and operational effectiveness.

### Methodology:

We have chosen the Waterfall Model for the development of our project.

#### Waterfall Model:

The waterfall model is a breakdown of project activities into linear sequential phases, where each phase depends on the deliverables of the previous one and corresponds to a specialization of tasks. This approach is typical for certain areas of engineering design. In software development, it tends to be among the less iterative and flexible approaches, as progress flows in largely one direction ("downwards" like a waterfall) through the phases of conception, initiation, analysis, design, construction, testing, deployment, and maintenance.

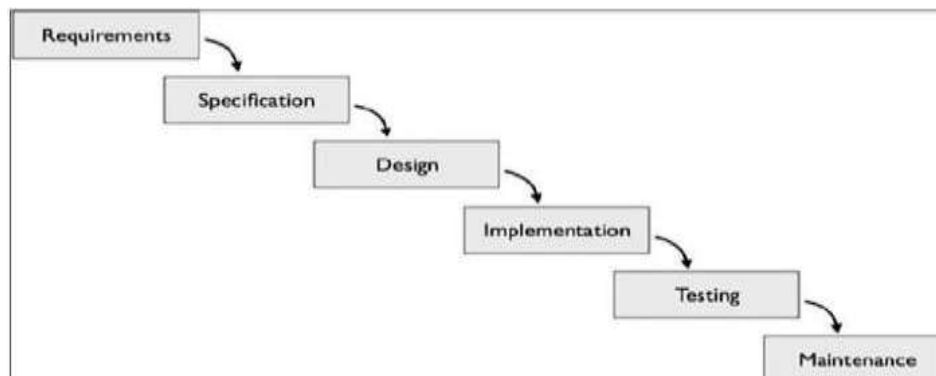


Fig 1.1 Waterfall Model.

Following is a detailed phase-wise explanation of how waterfall model was used in developing the project:

- **Requirement and Specification Gathering** – During this stage, a thorough collection and analysis of the specifications and needs was conducted for the Linda Tours Mumbai website. This required in-depth examination of the supplied requirements as well as lengthy talks with the Linda Tours Mumbai stakeholders. Understanding user needs, determining the essential features and functionalities needed, and defining the project's

scope were the main goals. In order to guarantee that the website would satisfy the needs of the customer and end users, this phase set the foundation for the entire development process.

- **System Design** – The system design phase started after the requirement gathering stage. This involved creating a thorough website design plan based on the specifications that were gathered. Developing a user-friendly interface, planning the database structure, and building the system architecture were among the tasks. The website's ability to satisfy the needs of its target audience within the allotted time frame and be aesthetically pleasing and functional were guaranteed during the design phase.
- **Implementation** – Following the completion of the design specifications, the implementation stage got underway. Based on the specifications and design from the earlier stages, the development team started coding the website. In order to establish a completely functional website for Linda Tours Mumbai, this phase required writing code, developing the essential functionality, and integrating numerous components.
- **Integration and Testing** – The website was put through a rigorous testing process to make sure it was functional and of high quality after the installation phase was finished. This comprised acceptance testing to confirm that the website satisfies user expectations and set criteria, integration testing to confirm how various modules interact, system testing to assess the overall performance of the system, and unit testing to examine individual components.
- **Handover and Deployment** – The website was approved and tested successfully before being given to Linda Tours Mumbai for implementation. During this phase, the website was delivered together with the required instructions, documentation, and support. In order to guarantee that the client could efficiently manage and maintain the website, additional advice and assistance were given. After the handover procedure was finished, Linda Tours Mumbai took custody of the website and was in charge of its implementation, upkeep, and future development.
- **Maintenance** – The project's last stage included continuing website support and maintenance. This included resolving any bugs or problems that surfaced after the website was deployed, putting updates and improvements into place, and making sure the website would remain relevant and viable over time. The website needed to be updated frequently in order to stay current with changing user demands and technological advancements.

---

### Objective:

- Create an easy-to-use website for Linda Tours Mumbai in order to highlight and advertise their tour packages.
- Make it simple for clients to peruse and reserve various tour packages online.
- Put in place a trustworthy and safe payment gateway to provide easy and hassle-free transactions.
- Boost customer support and engagement by integrating WhatsApp chatbots for immediate help and questions.
- Install reliable backend systems, such as scheduling and inventory management, to handle tour reservations effectively.

---

### Advantages:

- **Improved Accessibility:** From any location with an internet connection, clients can use the website to get booking services and tour information.
- **Enhanced Efficiency:** The ability to schedule and pay online expedites the booking process, cutting down on administrative work and saving time for both clients and employees.
- **Better Customer Experience:** The chatbots' immediate support and user-friendly interface make the whole experience better, which raises customer satisfaction.
- **Secure Transactions:** By putting in place a secure payment gateway, clients' financial information is safeguarded throughout transactions, encouraging confidence and trust.
- **Scalability:** The architecture of the website makes it simple to scale in response to increasing consumer demand and to broaden the scope of services provided in the future.

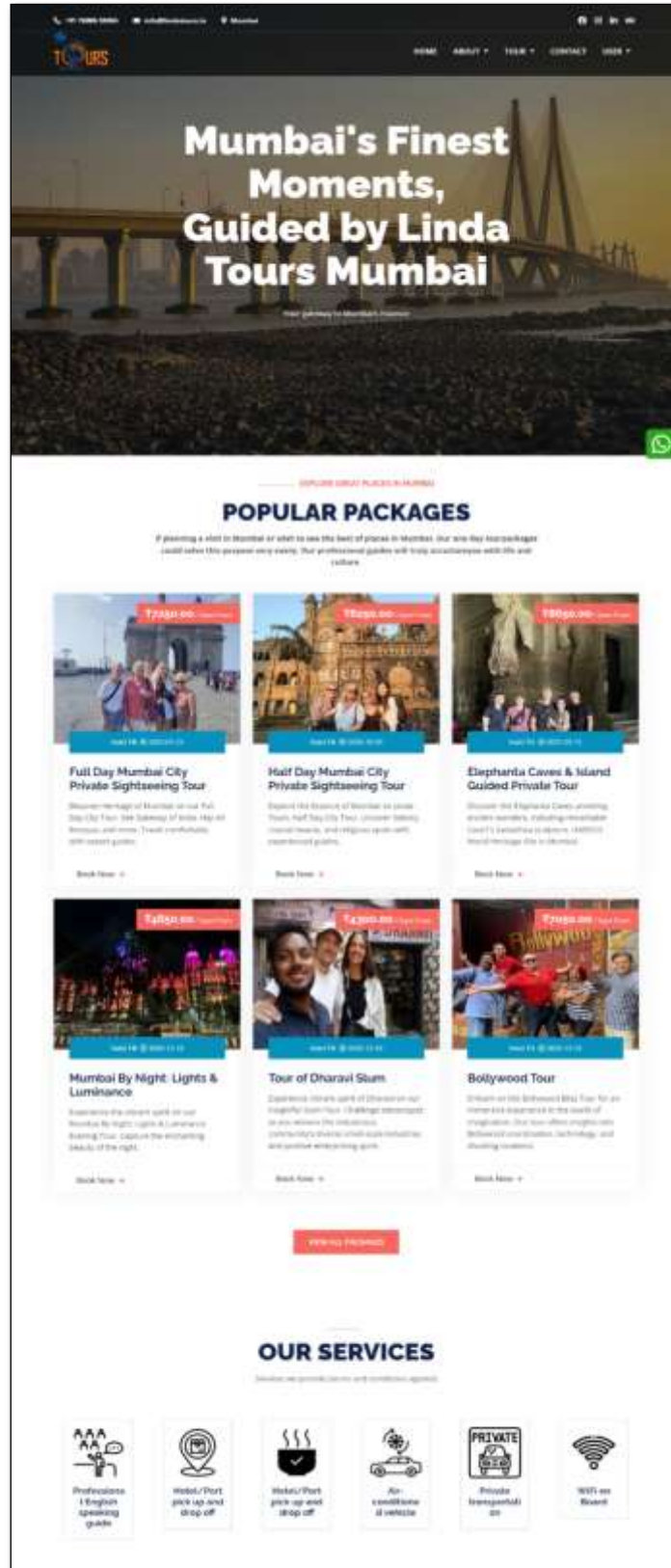
---

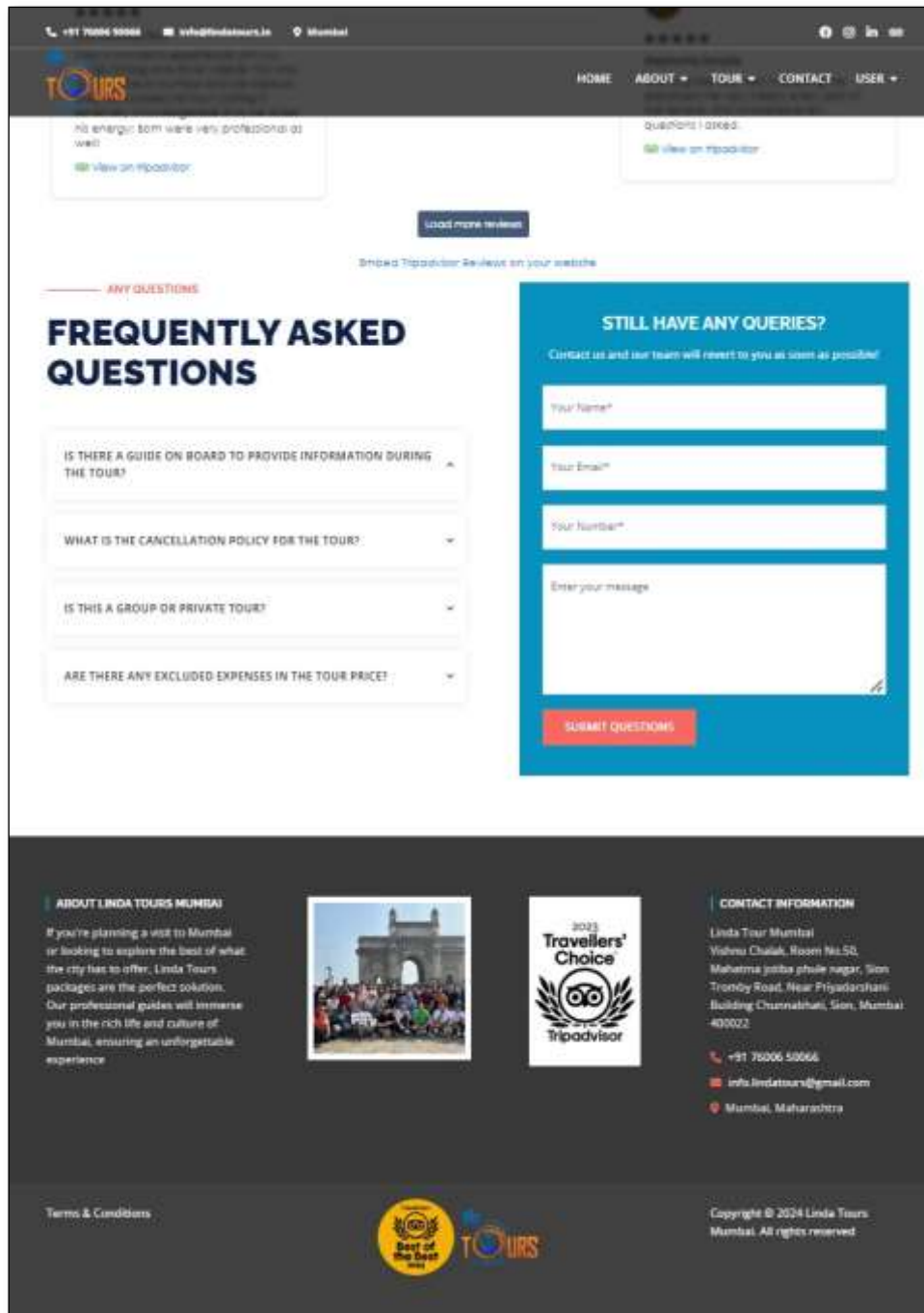
### Results:

- Increased revenue due to improved booking efficiency.
- A higher level of client satisfaction thanks to an enhanced user interface.
- Increased internet presence and prospective clientele.
- Optimized operational procedures to enhance resource administration.
- Set up to take advantage of market opportunities and develop.

OUTPUTS:

Home Page:





All Tour Packages:

The screenshot displays a website for 'TOURISTS' with a navigation menu (HOME, ABOUT, TOURS, CONTACT, BLOG) and a main heading 'Tour Packages'. The page features a grid of 18 tour packages, each with a representative image, a title, a brief description, and a 'Book Now' button. The tours include:

- Full Day Mumbai City Private Sightseeing Tour
- Half Day Mumbai City Private Sightseeing Tour
- Elephanta Caves & Island Guided Private Tour
- Mumbai By Night: Lights & Luminescence
- Tour of Dharavi Slum
- Bollywood Tour
- Mumbai City sightseeing with Elephanta Caves Tour
- Elephanta caves and Island with Dharavi Slum Tour
- Private City with Dharavi Slum Sightseeing Tour
- Elephanta Caves & Island Guided Private Tour
- Laxavta Hill Station Tour
- Karheri Caves Sightseeing Tour
- Karla and Bhaja Caves Tour
- Mumbai Shore Excursion Tour
- Mumbai Street Food Tour

The footer contains contact information for 'TOURISTS' (Address: 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000).

Tour Package Details Page:

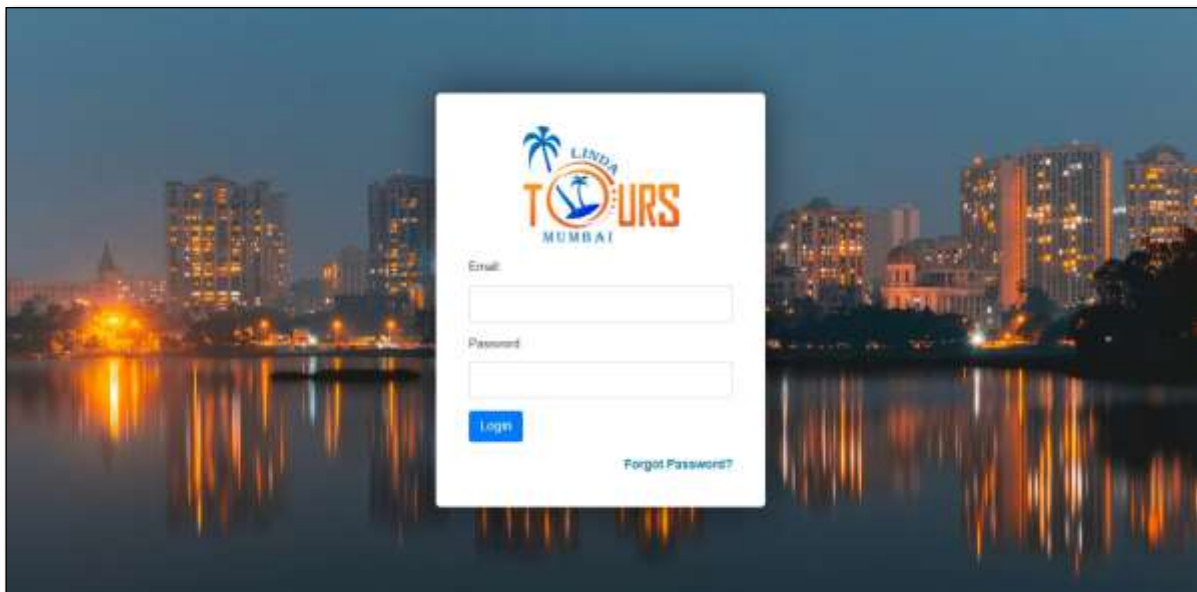
The screenshot displays a travel website interface for a 'FULL DAY MUMBAI PRIVATE SIGHTSEEING TOUR'. At the top, there is a navigation menu with links for HOME, ABOUT, TOUR, CONTACT, and USER. Below the navigation is a hero image of a boat on the water. The main heading is 'FULL DAY MUMBAI PRIVATE SIGHTSEEING TOUR'. To the right of the heading is a red price tag showing '₹7250 - Starting Price' and a 'Book Now' button. Below the heading is a large image of the Gateway of India in Mumbai. Underneath the image is a blue bar with location tags: '4.5 hours', 'Per Person', and 'Mumbai'. The 'PACKAGE DETAILS' section has four tabs: 'DESCRIPTION', 'PROGRAM', 'REVIEW', and 'MAP'. The 'DESCRIPTION' tab is active, showing a detailed text description of the tour. To the right of the description is a list of 'OTHER TRAVEL PACKAGES' with various tour options. Below the description, a map of Mumbai is shown with a blue route indicating the tour path. The map includes labels for 'Kala Bhaja Caves Tour' and other landmarks. To the right of the map is another list of 'OTHER TRAVEL PACKAGES'.

User Registration Page

### User Registration

First Name: <input type="text"/>	Age: <input type="text"/>
Last Name: <input type="text"/>	Sex: Male <input type="text"/>
Email: ruhracma1504@gmail.com <input type="text"/>	Country: <input type="text"/>
<input type="button" value="Generate OTP"/>	Address: <input type="text"/>
Password: <input type="text"/>	Enter OTP: <input type="text"/>
Mobile No: <input type="text"/>	<input type="button" value="Register"/>

**Login Page**



**Admin Dashboard**

My Account ▾

- Dashboard
- Users +
- Orders
- packages +
- Booking & Enquiry
- Comments
- Logout

## Dashboard

User ID	1
Email	ruhracma1504@gmail.com
Action	<input type="button" value="Logout"/>

ID	NAME	EMAIL	NUMBER	MESSAGE	CREATED AT
1	Buba	rubhmalakar@gmail.com	98001010	This is the inquiry for new book	2024-02-16 18:30:15
2	Buba Malakar	rubhmalakar@gmail.com	98001010	This is the last run	2024-02-16 18:37:11
14	gauri	gauri2003@gmail.com	98001010	Full + Free	2024-02-16 18:34:25
15	Ashwini	ashwini2103@gmail.com	98001010	Hi	2024-02-16 21:25:10
16	Prasanna	prasad2010@gmail.com	98001010	Happy birthday	2024-02-16 21:20:49

**Add Product**

Product Name:  
New Mumbai Tour

Product Image:  
Choose File No file chosen

Product Validity:  
29-02-2024

Product Timing From:  
02:30

Product Timing To:  
23:45

Product Description:  
Excellent and great product for full Mumbai Tour

Price per Person:  
1000000

Price for 1 Person:00

**Update Product**

Select Product ID:  
1 - Full Day Mumbai City Private Sightseeing Tour

Update Product

Payment Page

**LINDA TOURS AND TRAVELS SERVICE**

Transaction times out in 14:47 mins

2/29/2024 English

**Payment Information**

Credit Card  
 Debit Cards  
 Net Banking  
 Wallet  
 MPV

We Accept: **VISA**

Card Number:

Expiry Date: Month  Year  CVV

I agree with the Privacy Policy by proceeding with this payment.

**INR 6250.00** (Total Amount Payable)

Make Payment Cancel

**ORDER DETAILS**

Order #: 654F3R208F2z  
 Order Amount: 6250.00  
 Total Amount: INR 6250.00



---

**References**

---

- <https://developer.mozilla.org/en-US/docs/Web>
- <https://help.figma.com/hc/en-us>
- <https://webscodex.medium.com/creating-multi-user-role-based-admin-using-php-mysql-and-bootstrap-dbebf2740411>
- <https://www.canva.com/docs/>
- <https://devhints.io/mysql>
- <https://excalidraw.com/>
- <https://www.tripadvisor.in/Widgets>
- <https://getbootstrap.com/docs/4.1/getting-started/introduction/>