**Ball park of**

**Betting Website like Diam247**

Version 1.0

A project to develop a website like (https://diam247.co/) where users can perform betting on different games.

& an admin panel for management.

| **REVISION HISTORY** |
| --- |

| **Doc. Version.** | **Date** | **Author** | **Description of Revision** |
| --- | --- | --- | --- |
| 1.0 | Sep 20, 2024 | CIS | Initial Estimation |

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| 1. COMPANY INTRODUCTION |
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Established in 2003, Cyber Infrastructure Pvt. Ltd. (CIS) is a leading IT and consulting company in Central India. Since 2003, CIS has been providing highly optimized technology solutions and services for SMEs and large scale enterprises across the world. Our global delivery standards have received accolades in the form of prestigious quality certifications of **CMMI Level 3** and **ISO 9001:2015**.

CIS has worked with 2100+ clients in more than 100 countries. Our expertise and experience ranges across a wide range of industry domains like education, finance, travel and hospitality, retail and e-commerce, manufacturing, gaming, media and entertainment, logistics, hi-tech, telecommunication, health care, and many more.

CIS offers comprehensive IT services such as custom application development, mobile application development, creative web design, Microsoft solutions, SAP solutions, open source development, Java development, Oracle development, big data solutions, digital experience solutions, CAD/CAM architectural services, testing automation, infrastructure automation and cloud, digital marketing, ITeS, etc.

Our Partners

Key Highlights of CIS

Our core values

| 2. PROJECT BRIEFING |
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A project to develop a website like Diam247 where users can perform betting on different games like cricket, football casinos etc & an admin panel for management.

The project involves development of:

**- A Website**

**- A Web based Admin panel**

| 3. ASSUMPTIONS FOR ESTIMATION |
| --- |

| **S.No** | **Items** |
| --- | --- |
| 1 | This estimation is for the development of:  :- A website where a user can view the odds of various sports and casinos and he can also place a live and pre match bet.  :- A web-based administration panel for the website administrator. |
| 2 | Based on our knowledge, we estimated the value of this website. The estimated time frame may change if new features or functionalists are added or if website requirements are changed at a later date. |
| 3 | The Website will only be available in English. If more language support is required, the estimate will be revised based on the list of languages desired. We would also need all of the translated text from the client. |
| 4 | Any free or paid third party API (which fetches odds of required Sports) required at the time of development would be provided by the client only. |
| 5 | Please notify us if any required functionality that must be included in the proposed website has been overlooked. |
| 6 | The website will only work on online mode and we are not going to maintain any local database for this estimation. |

| 4. QUERIES FOR CLIENT (Answers may impact estimation time & cost) |
| --- |

| **S.No** | **Items** |
| --- | --- |
| 1 | Do you have Betfair extend Sports API and international casinos API’s ?,  or you will purchase it later. |
| 2 | We won't be able to make any bet options for that if any of the betting-related data will not come from the "betting api provider". |
| 3 | The Website will only be available in English. If more language support is required, then please provide a list of languages desired. |

| 5. TARGET PLATFORMS |
| --- |

| **S. No** | **Platform** | **WBS / Deliverable** | **Sub Platforms** |
| --- | --- | --- | --- |
| 1 | Web | Website | Chrome, Safari, Firefox |
| 2 | Web | Admin panel | Chrome, Safari, Firefox |

| 6. SCOPE OF WORK |
| --- |

**6.1.1: Website**

| **S.No** | **Task** | **Sub Task** | **Remarks** |
| --- | --- | --- | --- |
| 1 | Home Page | This page will appear when the website opens.  This Page includes the logo and a tagline.  In this page users will see the navbar with multiple options for sports like cricket, sports , live, casino, live casinos etc, they will only see the option for Registration and login. |  |
| 2 | Registration Page | This page will redirect user to the whats-app web where user will scan whats-app QR code and they will chat with app executive/support team then Support team will provide registration ID by using same ID user will create their account using other details like mobile and password on the website.Users will enter these basic details and click the register button.  By clicking the register button we will navigate users to the home/popular screen. |  |
| 3 | Login | This is a pop-up where users will see the options for login by mobile number and password.  Users can log in by entering their mobile number and password in the appropriate fields.  The login, forgot password, and registration buttons will take the user to the home, forgot password, and registration page, respectively. |  |
| 4 | Forgot password page | This page includes   * Mobile number * Send otp button   The user enters their mobile number and clicks the 'send otp' button, which sends the link to the user's mobile number, hen the user will navigate to the set password page. |  |
| 5 | Set password Page | This page includes   * password field * confirm password field * update password button   the user will enter the password and confirm password, then click the update password button.  By clicking on the update password, the user will be taken to the login page, where they can log in. |  |
| 6 | Home/popular Page | This page will includes  - upcoming matches  - Casino Games  - live matches  - Live matches etc  All the upcoming and live matches will be displayed in view, there are multiple options of betting for every match.  By clicking on the match, will navigate the user to the match details screen.  On the top of the page there is an Image Carousel which will display ads, on the right side the user will have an option for checking his bets,on the left he will see the listing of sports games. |  |
| 7 | Place bet module | This includes   * Enter amount field * Place bet button   The user enters the amount and clicks the place bet button, by clicking the place bet button will proceed the user to the payment screen. |  |
| 8 | Match Details Screen | Different varieties of betting options in multiple terms of football. eg  l Regular time  1X2  ■ W1(Team 1 win)  ■ X(Draw)  ■ W2 (Team 2 win)    Double Chance  ■ 1X  ■ 12  ■ 2X  Under and Over  ■ Under 1.5  ■ Under 2.5  ■ Under 3.5 etc for under bets  ■ Over 1.5  ■ Over 2.5  ■ Over 3.5 etc for over bets |  |
| 9 | Live matches Page | This page will provide all of the details of the live match, as well as various betting alternatives, such as W1, W2, and X etc that were mentioned in previous points. |  |
| 10 | History page | This page displays all of the users bets in a list format. |  |
| 11 | Winnings page | This page displays all of the winning bets in a list format, here if user need to withdraw then their will be an option for withdraw by clicking that button he will see a new page with some fields like card number/account number , branch, Zip code etc.  In case if user are facing some issue with withdrawal then there are one more option of withdrawal using Whats-app where user can chat with executive and create a request of withdrawal. | \* Client will provide us minimum and maximum amount for deposit and withdrawal. |
| 12 | Menu bar | This includes   * Settings * Live * league/International tournaments * Cricket * History   By clicking on any of the above will navigate users to the respective page. |  |
| 13 | Settings page | This page includes   * default stake * stake input * Odds * fancy bets * sports books   By clicking on any of the above and the submit button the setting will change accordingly. |  |
| 14 | Personal information page | This page displays the user's personal information and allows the user to update it and here user will also see wallet option for fetching account details.  By using this page user will deposit their money. | \* Client will provide us minimum and maximum amount for deposit and withdrawal. |
| 15 | Third party API | Here we integrate third party API for getting all matches odds like  - Regular time  1X2  ■ W1(Team 1 win)  ■ X(Draw)  ■ W2 (Team 2 win)  Double Chance  ■ 1X  ■ 12  ■ 2X  - 1 Half  1X2  ■ W1  ■ X  ■ W2  Double Chance  ■ 1X  ■ 12  ■ 2X  Total  ■ Over  ■ Under  - 2 Half  1X2  ■ W1  ■ X  ■ W2  Double Chance  ■ 1X  ■ 12  ■ 2X  Total  ■ Over  ■ Under |  |
| 16 | API for information | API for getting all information about every specific match. |  |
| 17 | Payment Gateway integration | Here we integrate a third-party Payment gateway which takes payment from the end user and bets on a specific match. | \*Please let us know Payment gateway (for now we are assuming that we use stripe payment gateway) and the algorithm for calculating the amount of betting and all. |

**6.1.2 : Web Admin Panel Development**

| **S.No** | **Task** | **Sub Task** | **Remarks** |
| --- | --- | --- | --- |
| 1**.** | Database configuration | Configure database for website. |  |
| 2. | Admin panel integration | We will integrate the admin panel template. | \* Please let us know if you have any reference about admin panel |
| 3 | Dashboard | We will provide a dashboard for admin where admin will see stats. | \* Please let us know your view on this |
| 3. | User Management | We will create a section where the admin will see the listing of all users with some details like full name, email, date of birth etc,here we will provide action buttons like   * View :- Admin can view information about betting like matches, betting cost,winning amount and all things. * Delete :- Admin can delete a user. * Change status :- Admin can also restrict a user to use the website (change status of user). | \* Please let us know if you need any other information about users. |
| 5. | Transaction management | In this section we display all transactions with winning and loss amount, here admin manually transfer winning amount to the website users. | \* Client needs to provide a pay-out payment gateway which will for a country. |
| 6 | Downline list | In this page having search option and filter for data,  the list of all gaming details |  |
| 7 | My account | * Account statement * Account summary * Account details * Profile * Active log |  |
| 8 | My report | The report of profit and loss will be show here |  |
| 9 | Bet list | All the bet listing will be display here |  |
| 10 | Bet list Live | All the live bet listing will be display here |  |
| 11 | Transaction management | All the profit and loss management display here   * match odds * book maker * toss * Fancy bet * sport book * other market |  |
| 12 | Banking | All the details of bank here |  |
| 13 | Block market | Listing of all games  you can block and unblock them |  |
| 14 | Logout | Admin can logout |  |

**6.3: Design**

We will create a mock up design around 16 pages and after client approval we will create HTML for the same.

**Note:We need a logo from the client side.**

| 7. RESOURCES |
| --- |

| **Skills/ Technology** | **No. of Resources** | **Time Required (\*Hours)** | **Costs in INR** |
| --- | --- | --- | --- |
| website Development | 3 | 360 |  |
| Web admin panel Development | 1 | 180 |  |
| website UI Designing & Prototyping | 1 | 128 |  |
| **TOTAL** | **5** | **668 Hrs** |  |

**Note : We will complete it in three months with the assistance of three developers for development process, 1 for design and 1 for admin panel functionality**

**Client need to provide all the third party api at the time of development.**

| 8. TECHNOLOGY STACK BASELINES |
| --- |

| Development Technology & Tools | Angular, Javascript |
| --- | --- |
| Programming Language | Node js |
|  |  |

| 9. KNOWN RISKS (excluding cis internal) & ESCALATION MATRIX |
| --- |

| **S.No.** | **Risk** | **Probability Of Occurrence  (1 - 5)** | **Risk Impact on project  (1 - 5)** | **Risk Exposure Probability \* Impact** | **Responsible** |
| --- | --- | --- | --- | --- | --- |

| 10. ACCEPTANCE CRITERIA |
| --- |

Ø Deliveries as per Baselines Above

| 11. OUT OF SCOPE |
| --- |

| **S. No.** | **Items** |
| --- | --- |
| 1 | Test cases, security, automation and performance testing |
| 2 | Any other feature which is not mentioned in this document. |
| 3 | We will only develop back end interface for admin using admin template like adminlte,sneat theme etc. |
| 4 | Multilingual Support. |
| 5 | Automatic Pay off the winning amounts. |
| 6 | We are not including Election results and other types on sports that are displaying in diam247 website. |

| 12. PREREQUISITES |
| --- |

| **S.No.** | **Items** |
| --- | --- |
| 1 | Any third party API (Paid or Free), if required, will be provided by the client only. |
| 2 | website Details. For this a document will be shared with the client containing a list of required details, before the website is published. |
| 4 | Stripe Account (for adding money while making a bet) |

| 13. STAGING/ ALPHA & BETA TESTING ENVIRONMENTS |
| --- |

NA

| 14. PRODUCTION ENVIRONMENT |
| --- |

Ø Environment (update based on the project requirement)

| **Minimum Required** | **Recommended Configuration** |
| --- | --- |
| Ø 1 Xeon CPU 2.5+ ghz, 1 GB RAM, fast Hard Disks per 50 Active Users. (Excluding host OS h/w requirements)  Ø Enable Compression, public cache and Keep Alive.  Ø CDN (Content Delivery Network) for Static Objects (Images, CSS, JS etc.). | 1. 1 Xeon CPU 2.5+ ghz, 2 GB RAM, SSD on RAID 10 per 50 Active Users. (Excluding host OS h/w requirements)  2. Enable Compression, public cache and Keep Alive.  3. CDN (Content Delivery Network) for Static Objects (Images, CSS, JS etc.).  4. Memcache for faster dynamic page loads. (Separately estimated & implemented on Client’s request, preferably before project start). |

| 15. SPECIAL HARDWARE & SOFTWARE REQUIREMENT |
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Ø (Optional, vary based on the project requirement)

| 16. APPLICATION PERFORMANCE STANDARDS/ BASELINES |
| --- |

Ø Based on optimized settings by your hosting company.

Ø Web Tested using [www.webpagetest.org](http://www.webpagetest.org/) (DOM Completion)

| Platform | Content Type | \* Server <-> Test User Locations | Target Max. Load Time/ Page Speed | Target No of Concurrent Users / Total Users | CDN Needed? |
| --- | --- | --- | --- | --- | --- |
| Mobile App | Local content | Any <-> Any | 2 Second | NA | NO |
| Mobile App | Remote / Dynamic content | USA <-> UK | 4 Second | NA | NO |

Conditions:

Ø Suggested benchmark only applies on public pages (excluding third party calls) using Google chrome and nearest host location from client’s web server.

Ø Results by the suggested tool may vary by a few seconds.

Ø Suggested benchmark is on recommended deployment environments.

| 17. REPORTING TOOLS |
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We will give you access of CIS PMS (Project Management System) to you and your inhouse team, you will be able to get updates from CIS team on daily basis, can post your inputs, feedbacks, documents etc. and/ or add your own tickets, for CIS Team member to work on.

| 18. PROJECT MONITORING (PROJECT BASIS ONLY) |
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Project will be monitored and managed by CIS Project Manager(s) and before any deployment it will be checked by CIS QA Team focusing on delivering a working, successful Product.

We will give you access to the development server/ Alpha Testing Server of CIS (max 1 CPU, 1 GB RAM, 300 MB SSD Space), so that you can check the project and daily work done by CIS team members. More Alpha server resources may cost additional, please check with your accounts manager at CIS.

| 19. SERVICE AFTER DEPLOYMENT |
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We will provide free bug fixing services for the work we have completed as per our Sales Agreement with you, excluding for:

Ø Issues in any pre-existing code, we did not work on, but may be impacted (Specially in case of maintenance projects).

Ø Any out of scope bug or change requests which are not covered in this document.

| 20. TERMS & POLICIES |
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Ø

Ø We will give you services level agreement for the project on which we agreed on. Including all features and functionality with Payment Terms.

Ø We will provide you with a partial supervisor who ensures the quality & enterprises level standard solution. He/ She will monitor the project/work progress well.

Ø Team will have regular meetings with you on SKYPE/JOIN ME/GOTOMEETING OR ON CALL so that everyone should be on the same page.

Ø Team will send you a regular report through PMS so that you can check the work/task done each day.

Ø It is not a very deep drill down estimation, it may change during project execution, if so the client will be informed and discussed. Appropriate cost will be paid by the client.