



Booking Apps (Web+Android+iOS) and mPOS Prepaid Cashless Solution

Bonaire Overheidsgebouwen N.V.
Kaya Grandi # 2
Bonaire, Dutch Caribbean

Presented By,

Techsiva LTD.

The Triangle Curacao
20 - 22 Hoogstraat,
Willemstad, Curaçao

Person in charge: **Mr. Raimy Martina | Mr. Rakesh Roushan**

14 January, 2024Dear Mrs. Adely Jansen,

Thank you for allowing us to work with you. We are excited to get to work on Bonaire Overheids gebouwen NV booking Apps and cashless payment application that allows local and international tourists to reserve palapas, beach chairs, and other facilities and allow secure, hassle-free instant cashless payment.

We want to ensure you're satisfied with our proposal and fully understand what to expect in the implementation and integration process.

Creating Web, Mobile & Admin/Back office with a Front-end interface is exciting, and our expert team can give you something unique that will help grow your business in Bonaire Island.

The following proposal will set a project roadmap from start to finish. You will have a complete understanding of the process and timeline for completion. If you have any questions or concerns, please contact me personally and assign me a Project Team member.

Yours Sincerely,



Raimy Martina

Email: raimy@techsiv.com

Website: ticktapcard.com; getvirtualcard.co.uk

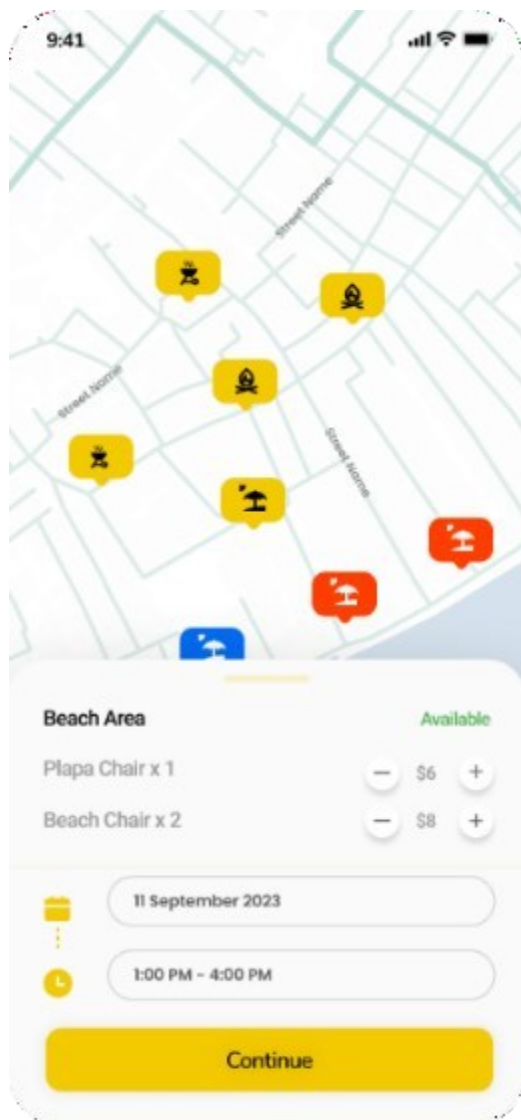
Contact: +599 9 518 7297

Bonaire | Curacao | United Kingdom

Deliverables Services

1. Customer – Beach Facilities Bookings Apps Design and Development
2. mPOS Merchant Mobile Apps Design & Development
3. Prepaid Branded Loyalty Card Solution
4. Banking Integration and 3rd Parties POS integration
5. Cyber Security, Penetration Test
6. NFC Tap n Pay and QR Pay-enabled solution.
7. Deployment and Production on Live Server
8. Yearly Support and Ongoing IT Maintenance

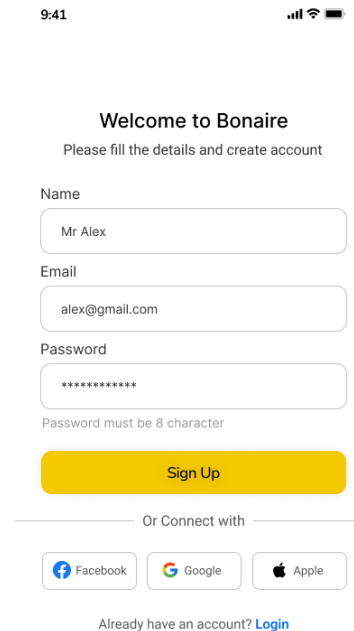
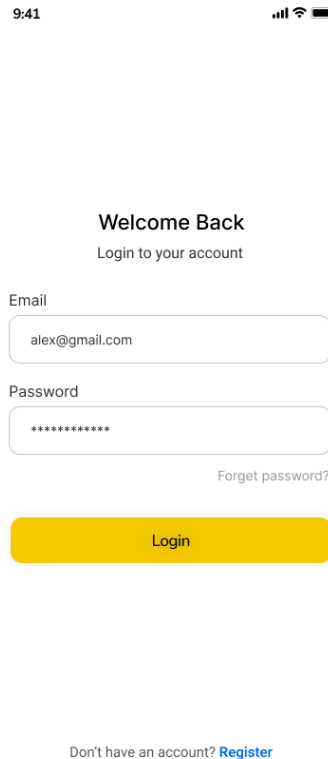
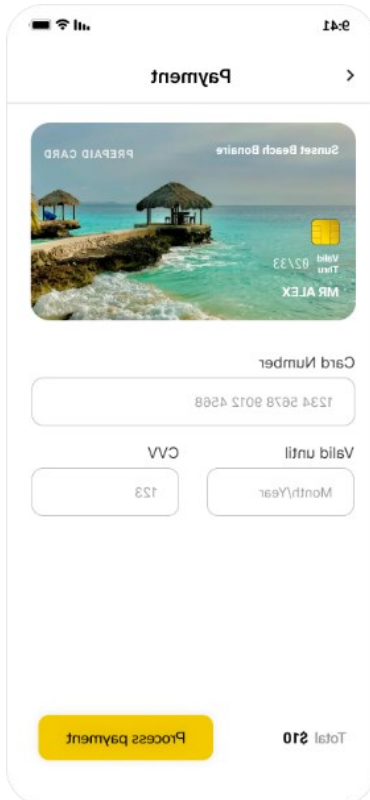
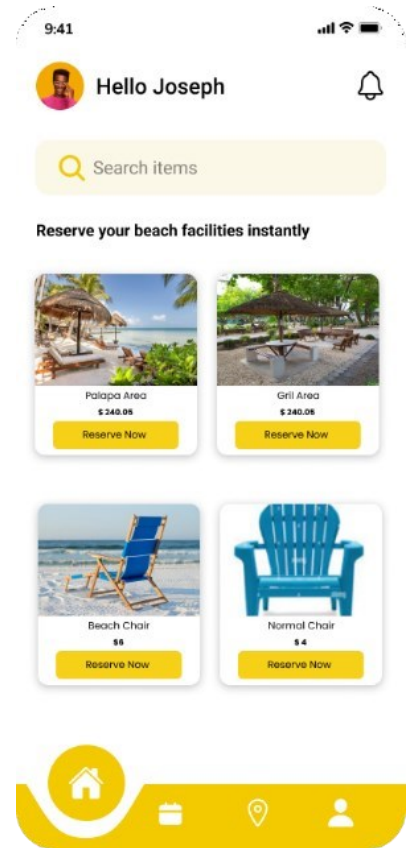
Beach Facilities Booking Application



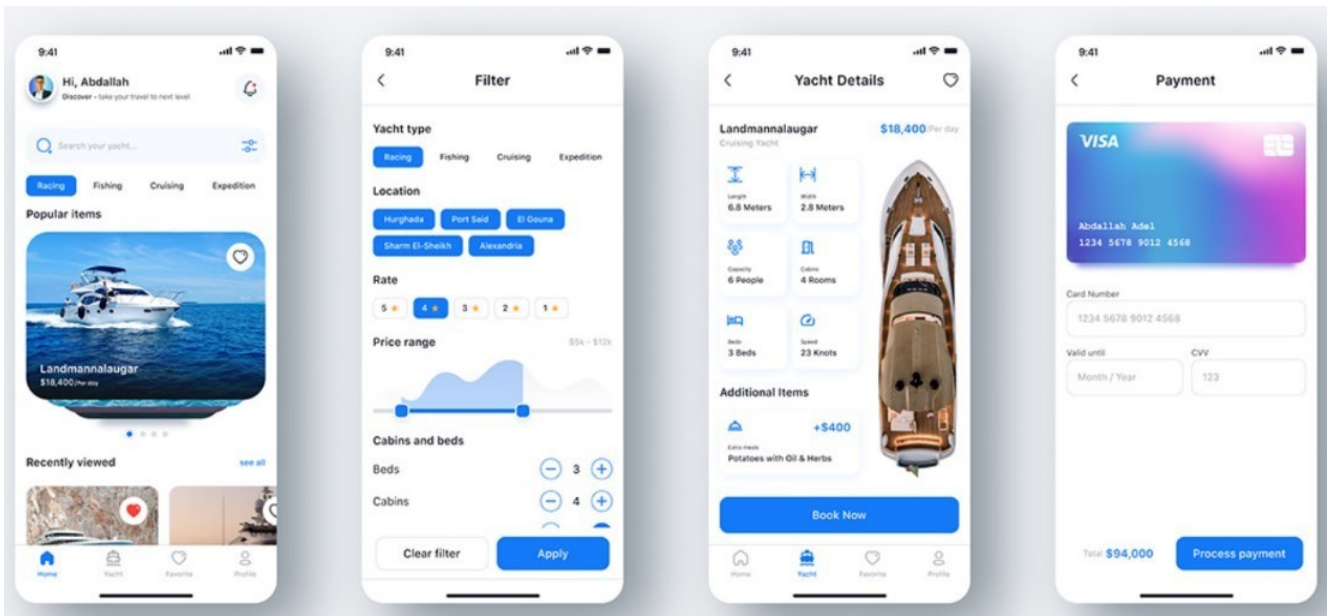
- a. Login by Email/Phone
- b. Self-verified by OTP
- c. View available Items on e.g., Chairs availability/Palapa, BBQ area.
- d. On map detail's view Palapa area with price
- e. Search/filter, See on the map the bars, and BBQ areas with the price.
- f. Quick booking
- g. Local and Visitors price
- h. Individual and Group booking
- i. My Profile
- j. Points
- k. My Booking & Orders
- l. Offers & Promotions
- m. Reviews & Rating
- n. Payment Details
- o. Help & Support
- p. Notification
- q. Setting

Function and Major Features of Applications

- Easily Secure Login by Email/Phone OTP or verified Facebook/Google/Apple Login
- Booking Beach Facilities e.g., Palapas, beach chairs, and other items
- Search for available Items.
- Order Notification on Phone/Email
- Multiple Payment Methods - Debit/Credit Cards/wallet balance or Scan and payment
- Cashless Payment Method and Bank Integration
- Booking and Order History
- Payment Transactions Details
- Setting
- Passcode Setting
- Transaction Details / deposited/Reload/Paid history.

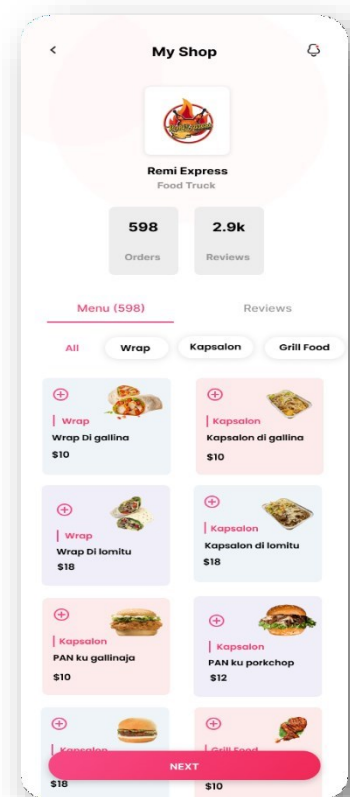


More Sample layout as reference purpose



MPOS Merchant-Cashless Payment Application BAR "Piskado"- Merchant mPOS

- a. Get Paid Instantly from customers.
- b. Sell items on Merchant Apps
- c. Store/Shop Setup- Manage products.
- d. Accept payment instantly by card.
- e. Digital payment
- f. Seller/Merchant Panel
- g. Product management - manage product/Qty/Price
- h. Receive Orders & Payments



Sunset Beach Bonaire Branded Loyalty Card program

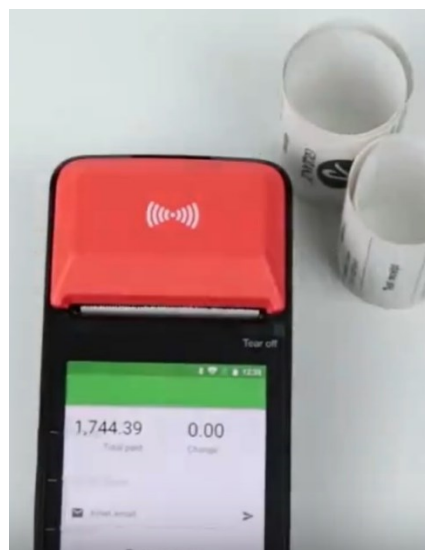
Custom Loyalty Membership Card

- Custom Prepaid Loyalty Card as Sunset Beach Bonaire or Bonaire Tourism Board
- Issue cards to locals and tourists
- Earn Points on Card spending.
- Manage Cards, Points/amounts, Reload, Amount Debit/Credit amount, be a member and get local tariffs.
- Reload at KIOK/Booth
- Much more....

Membership/ Loyalty Card



A loyalty card program is an incentive plan that allows a retail business to gather data about its customers. Customers are offered product discounts, coupons, points toward merchandise or some other reward in exchange for their voluntary participation in the program.



Step One

Customers obtain a prepaid rechargeable card at the cash counter or entrance.

Step Two

Customer hands over the card to the sale counter to place an order.

Step Three

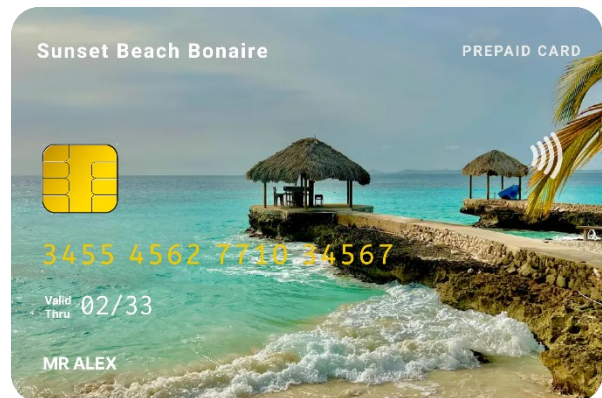
Server swipes the card and serves the order.

Step Four

The order amount is instantly deducted from the card balance.

Step Five

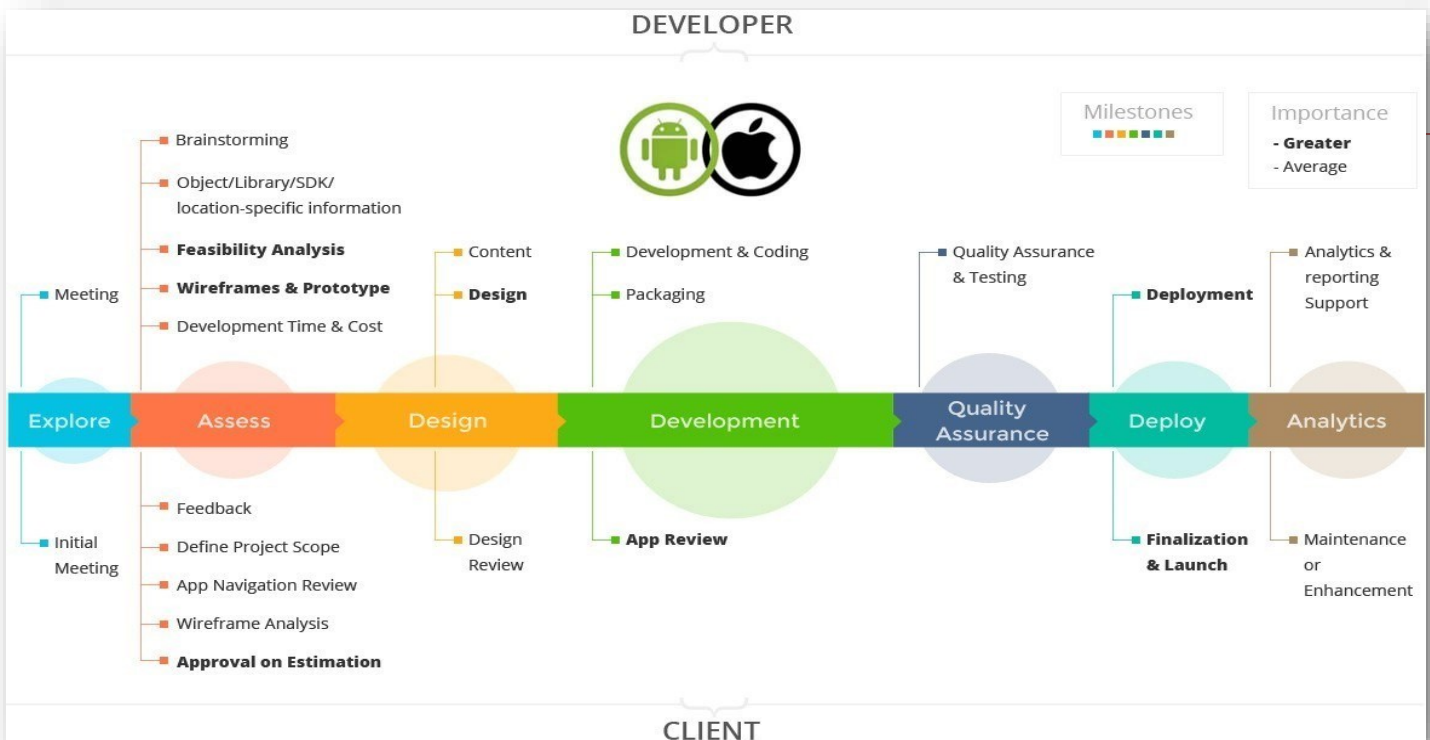
The customer can recharge or refund the card as and when required.



POS Integration

The screenshot displays a POS system interface. On the left, a 'CARD Touch Card' screen shows a card number '1472560', a balance of '6950.00', a bill amount of '556.00', and a remaining balance of '6394.00'. It includes a 'Print Bill' button and a 'REFRESH' button. Below this is a 'CUSTOMER DETAIL' section for 'Amit Srivastava' with contact information. On the right, a receipt screen shows a list of items: 'PENNE ARRABBIATA CHICKEN' (320.00), 'SWEET CORN' (105.00), and 'PINEAPPLE RAITA' (105.00). The total is '530.00', with a discount of '0.00' and a net amount of '556.00'. A numeric keypad and buttons for 'TEND', 'BAL', 'CLS', 'Bill', and 'VOID' are also visible.

Mobile Application Implementation Process

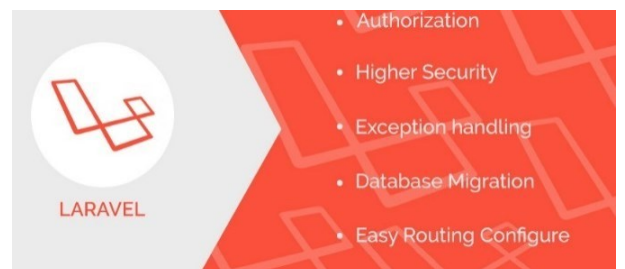
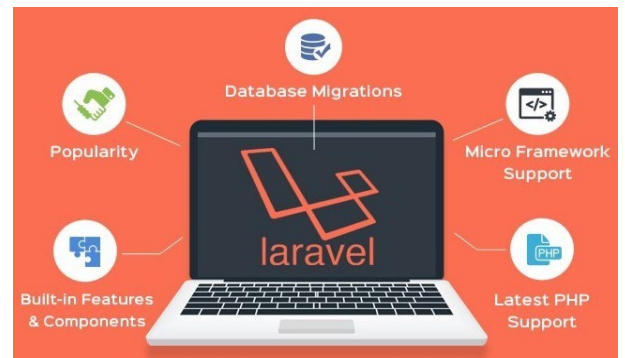


Technology & Major Material Use Information

Recommend Platform – Web version and Backend platform.

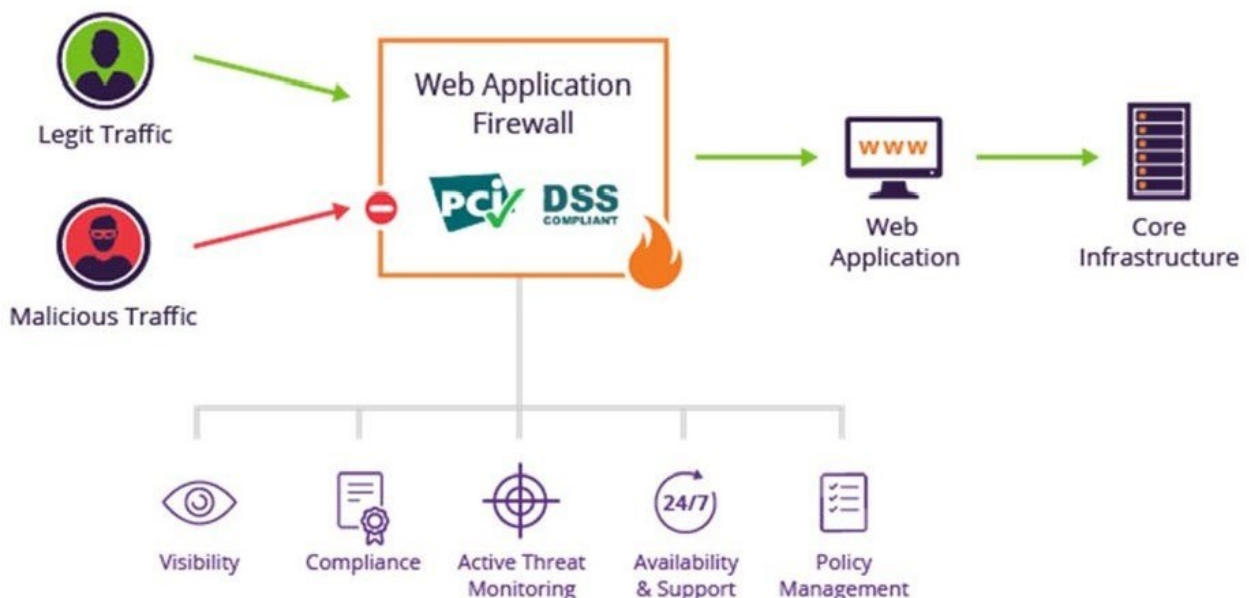
- a. PHP Programming language
- b. Framework– Laravel framework
- c. Database – MySQL
- d. Others – Bootstrap & jQuery
- e. Others- 3rd Party Tools & Plugins
- f. API – JASON format

Note: To match the client's requirements or future customization. Company may adopt new or latest tools & and technologies.



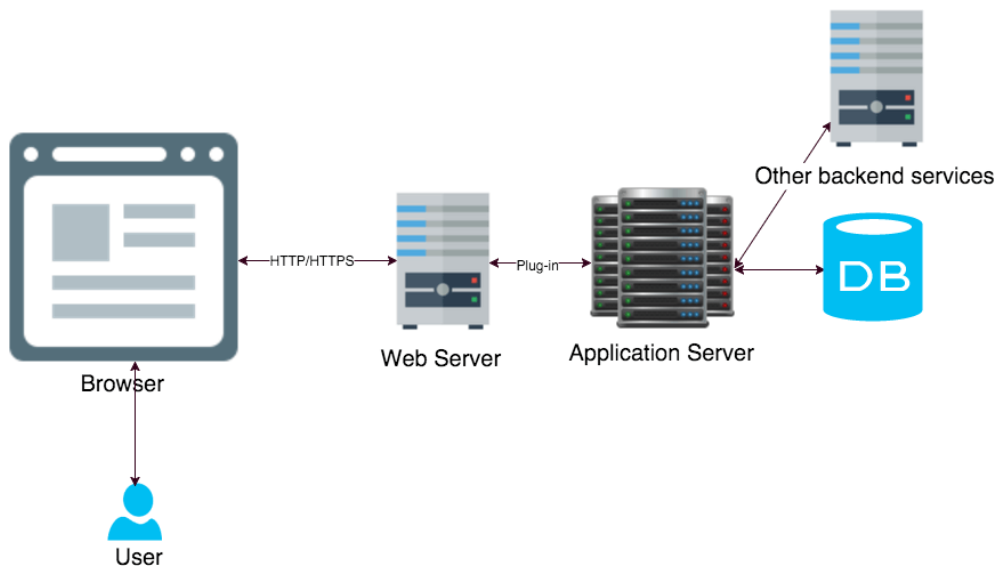
Mobile Apps Technologies

- React Native or Flutter
- Supported – iOS and Android.



Data Hosting Server, Infrastructure & Security

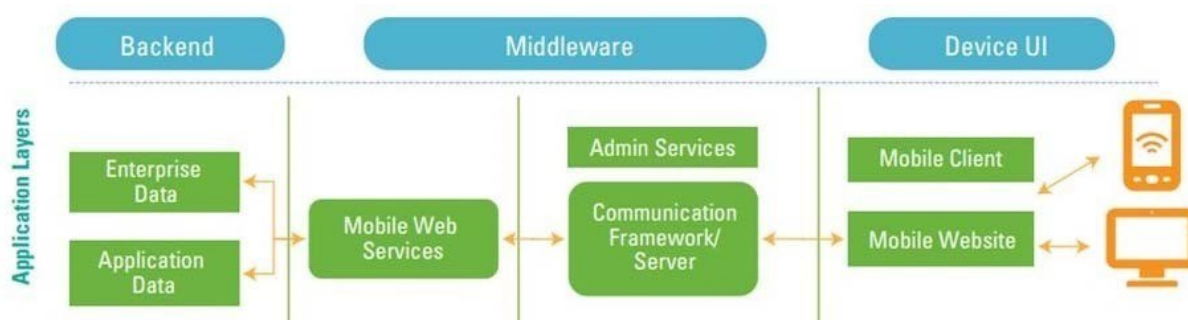
- a. Dedicated Scalable Server | CPU: 8Gh | Memory: 16 GB+ Scalable | Storage 200GB + Scalable.
- b. Data Transfer – 7 TB + Scalable
- c. Backup – Daily Backup
- d. HTTPS Security & Anti –Spam
- e. WAF & Cybersecurity
- f. Recommended Server: Up cloud/AWS Amazon Up cloud/AWS
- g. Sever Location: Amsterdram
- h. Dedicated IP Address



UAT- User Acceptance Testing

We conduct advanced level of 3tier testing (Backend, Middleware & Multiple Device UI) including various layers of segments as below -

- **Functional Testing**
- **System Testing**
- **Loading Speed Testing**



Yearly- Update, Support & Maintenance

- Web & Apps update
- Affordable Investment
- Technical Support
- Ongoing Contractual Support
- Stay Updated with the Latest Google Play/ iOS or
- Server Backup, Maintenance, Performance, and Monitoring services
- Ongoing UUM (Upgrade, Update & Maintenance)

(Note: Separate agreement to be given upon confirmation)



Total Team Members Required: 10

S No.	Position Name	No. of Team
1	Project Manager – Consultation & Project Management – Project Assistant & Coordinator	2
2	Frontend Designer Web -UI front-End Designer	2
3	Backend –Programmers/Engineers Backend-Admin. Software Developer	2
4	Support Engineer	1
5	Android Application Developer	1
6	IOS Application Developer	1
7	Tester & Security Specialist	1

Estimated Time- Line & Deliverables

The company estimates that it will take **15-16 weeks** to complete Customer Mobile apps and mPOS Cashless Card Program System Design. Upon signing this agreement, we can begin immediately. The deployment will be done in various phases, subject to management decisions. Here is what to expect:

PROCESS	ESTIMATED TIMELINE
A. Analysis & Pre-Requisite <ul style="list-style-type: none">a. Business Logic & and approval of job scopesb. Gathering relevant requirements e.g., Data, Photo, contents, branding scheme concept Prepare Documentationc. Development of primary data process & and information branding, icons/images/categories contents.d. Getting approval via email / written	2 weeks
B. Wireframe and Technical documents <ul style="list-style-type: none">a. Workflow, Module wise, Role wise analysisb. Finalization of each section& and menu, tab, and navigationc. Confirmation approval via email / written.	1 week
C. Front End UX/UI Design <ul style="list-style-type: none">a. Apps/Web front-end Designb. Layout Module structurec. Navigation flowd. Inner section and interfaces as per workflow	8 weeks
D. Backend Development <ul style="list-style-type: none">a. Admin/Custom backend-related featuresb. Manage Databasec. Manage Modules e.g., Customer, Merchant & Admind. Merchant-Packagese. Revenue & Fee Setupf. Dashboard overviewg. SMS OTP Integrationh. Payment gateway Integration if anyi. Custom Prepaid Loyalty Card API Integrationj. Others depend on requirements. <p>*Note: Payment gateway, merchant account & API approval may take 9-10 weeks</p>	10 Weeks

E. Cloud Server Implementation-VPS Webhosting Server <ul style="list-style-type: none"> a. Dedicated Local Server/AWS Server b. Configuration Accounts setup c. Server DB Integration & Testing d. Optimization & e. Proxy WAF, HTTPS, Multiple IP configuration WAF/HTTPS 	2 Weeks
F. User Acceptance Testing (UAT) <ul style="list-style-type: none"> a. Functional Testing b. Loading speed Test c. System Testing -Multi-Device Testing d. Bugs fixing Review & approval 	4 Weeks
G. Admin CMS Training-onsite <ul style="list-style-type: none"> a. How to manage and make use of Admin b. Overview Admin Control and Setting Roles c. Staff control access (3-type user control: Admin, Account/Finance, Support) User Manual Guidelines 	3 Days
H. GO-Online & Ongoing Supporting <ul style="list-style-type: none"> a. Deployment and Final Testing b. Monitoring & Bugs Fixing c. Ongoing Support and maintenance if needed. d. Backup & Server Maintenance 	Continuous if needed
I. Custom Loyalty Prepaid Card Program- <ul style="list-style-type: none"> a. Card Setup b. Prepaid Card-Bulk Printing 	11-12 Weeks

***Note:**

- a. Recommended launch phase-wise.
- b. UI Design or extra customization timeline subject to requirement & discussed separately if any.

Standard Technical Support – UUM (Upgrade Update Maintenance)

- h. **Free** Support & Warranty (Only error/ Bugs) – 60 days
 - i. Including error fixing, Resolution, and re-upload only.
 - ii. It does not include Admin Backend, Web & Apps flow changes, or any new features. Any changes or new features are subject to arrangements made.
- i. Support & Warranty may void and not valid if software/solution/tools/plugin changed/ hardware/platform is shared with 3rd parties or the original coding structure is changed or customized by 3rd party's developer or 3rd party companies in case it happens within Design-Development or during Yearly Support Maintenance or warranty period.
- j. All Information, Data Input, and content will be provided by the client.
- k. Any additional features or modules/functions will be charged separately. Depending on the requirements.
- l. ***Optional:** Yearly- Update, Support & Maintenance – 30% of the total invoice or Subject to arrangement made.

Contract Terms & Conditions

- a. The contract is neither transferrable nor refundable during the development & yearly maintenance if any.
- b. The Customer will bear Any third-party tools / API / Plugin / SMS Gateway / Payment Gateway charge.
- c. Project Updates and progress will be done via email or CRM access or remotely at a specific schedule as per confirmation.
- d. Project Report Update & Project Meeting:
- e. During ongoing design, development, and services offering there will be weekly update & report meetings which will be scheduled 2-3 days in advance. The meeting Scheduled will be set by our Project Manager/assigned team member.
- f. Any urgent and last-minute meeting will be entertained if notified 1 day in advance subject to confirmation of team availability.
- g. Ongoing Project reports will be shared by email and CRM official record (CRM access will be given upon project kick-off).
- h. Any project meeting and report will be conducted during working hours and working days only (Monday-Friday) except public holidays.
- i. The client will assign a project coordinator and single point of contact to coordinate with the development IT project team.
- j. Techsiva LTD. is not liable for loss of business or profit due to hardware software-related incidents.
- k. Any payment made is non-refundable.
- l. Clients understand that Curtrack B.V company is a technology provider and

- m. Independent contractors must be treated and approached as a technology provider and external company, Not treated or approached as an employee or internal team. Both parties must professionally respect team personnel and always maintain mutual understanding for better coordination and communication.
- n. Any payment delay may affect ongoing development service and interrupt technical support with resources.
- o. The company may issue an additional bill to the Company for a server upgrade, database, web hosting, private server, IP Address security tools backup storage, or any other licensing fee if any, this will be informed to the client and agreed upon by the client priority to any invoice.
- p. Invoice to be sent upon order confirmation.
- q. TAX/VAT and other applicable taxes, as well as any duties and commissions charged by banks, online payment platforms, currency conversion rates, credit card operators, or any other financial intermediaries, Fee shall be borne by the Client.
- r. Before any new job scopes or new work is assigned Client agrees to settle the outstanding balance to the Company.

Note - Any additional functionality, Onsite Support, Additional Training, Enhancement, Change Request, and customization are chargeable.*

Order Confirmation

By signing below, I/We agree to accept this proposal contract for Booking Apps, mPOS Cashless Prepaid Card Solution, and any custom solution already agreed upon with Techsiva LTD.

Curtrack B.V (Company/Service Provider)
Signed by:	Approved by:
Full Name: (Director)	Full Name: (CFO/Director/CEO/Founder)
Date: 14-Jan-2024	Date: 14-Jan-2024