# Title: NewsMavens

## Introduction:

NewsMavens will be the best platform for everyone to keep themself up to date about daily news reports and a vast community of journalists can take huge advantage of our platform as they can share their news in many forms and write blogs to make their profile strong and as their news goes on trending they will be paid (using CPV, CPM) for it. Our platform will provide remote work for journalists as many big companies or media houses can hire them on remote basis work (small projects, contract basis). It will also help big media houses to provide them with remote journalists they need according to the profile of journalists.

* **Primary Objectives:**
* Provide Journalists community with freelanace remote work opportunity
* Media houses, Newschannel, and online newspapers companies can find their best journalist through NewsMavens.
* Users will have an authentic and reliable news platform they can trust.
* Will be available nationwide for all users for now.
* NewsMavens will ensure the security of payment from both parties
* NewsMavens will protect the privacy of its users and their work or project.
* Buyers and journalists must pay a 25% commission to the platform.
* The contract between buyers and journalists will be protected by NewsMavens if anyone of them violates the rules will be banned from the platform.
* **Key Features:**
* The only freelance platform for journalists, media and for the News industry nationwide.
* Buyers will have a job posting option to get what they really want if they can't find the right person by searching.
* Journalists will be also be provided with bidding options on jobs posted by buyers
* Journalists will share their news reports, blogs, videos news, interviews, vlogs, and columns on NewsMavens.
* They will be paid if their news goes on trending using the CPM method.
* The news journalist's shares on our platform will be included in their portfolio so to make their profile strong for buyers to understand what they do and in what they are experts.
* Users will have an authentic and reliable news platform they can trust.
* Buyers can hire a journalist on a single or multiple project basis or short-term, long-term, and contract basis.
* Journalists can work on a single or multiple project basis or short-term, long-term, and contract bases.
* Our platform will be also useful to the marketer to engage with their specific audience through us.

**SCOPE:**

NewsMavens will be the best platform for everyone to keep themself up to date about daily news reports and a vast community of journalists can take huge advantage of our platform as they can share their news in many forms and write blogs to make their profile strong and as their news goes on trending they will be paid (using CPV, CPM) for it. Our platform will provide remote work for journalists as many big companies or media houses can hire them on remote basis work (small projects, contract basis).

## Problem Statment:

It is not surprising that job security is one of the most challenging aspects of being a journalist nowadays. As we know the news industry would provide no job security for the next five years. 2019 brought both digital and print media several rounds of layoffs, furloughs, and closures. Entire publications also ceased to exist and many journalism careers ended. by the beginning of 2020, the media industry had already lost 8000 jobs which covid was one of the main reasons. People nowadays rely on social media news that isn't authenticated and doesn't have a reliable source. And media houses can't find the right person because of the market gap and if they want someone for short basis they can't find it or no one is willing to work for just small time. budget issues and poor communication between media houses and journalists due to which they can't lead to any good results.

## Methodology:

* Agile Methodology

#### FLEXIBILITY

Agile methodologies encourage the stakeholders to provide input at all stages of the project, and their adaptive, iterative nature means Agile development teams embrace changing requirements.

#### IMPROVED PROJECT VISIBILITY/PREDICTABILITY

Working software is presented to the project’s stakeholders at the end of every iteration – sometimes as regularly as once a week – providing an opportunity to evaluate throughout the build. This regular cycle of results also makes it very easy to benchmark the amount of work done – as well as the speed at which the project is moving.

#### INCREASED SPEED OF EXECUTION

Agile allows developers to work on core functionalities and vital features, whilst designers work on visuals, and UX architects wireframe interfaces to be used for early user testing. Reducing the time spent waiting for previous stages to be completed makes for a faster and more efficient project execution.

#### CONTINUOUS USER FEEDBACK

Rather than undergoing testing once the software is complete, an Agile project can adapt to regular tests and user feedback throughout the build process – improving your product’s design and market fit as early as possible.

#### MOTIVATED PROJECT TEAM

Agile teams are small and each member takes ownership of the project. This encourages individuals to work harder, as it means they feel less like small cogs in a huge machine, and more integral to the project’s success.

#### CLOSE WORKING RELATIONSHIPS

Putting a huge emphasis on communication and collaboration within the development team, and between stakeholders, means organisations often go on to build strong and successful working relationships internally or with their external Agile agencies.

#### REDUCED COSTS

Because Agile works best with smaller development teams and is a faster, more efficient way of creating software, it is generally more cost effective than the traditional development methods. Furthermore, because Agile is adaptive by nature, you are likely to spend less on changes to functionality after the development process is complete.

#### BETTER PRODUCT QUALITY

Agile methodologies build testing and feedback loops into the development process, encouraging clean coding, measured and regular appraisals of all the work done throughout the project, and thus higher quality end products.

#### REDUCED RISK

Agile means continuously prioritising and developing core features first, while saving less valuable features until later on in the development process. This reduces the project’s risk, as even in its early stages a working software would have been produced.

## Technologies/Tools to be used :

For Web and Mobile App:

**FRONTEND:**

1. Html
2. Css
3. Bootstrap
4. JS(ES6)
5. React
6. React Native
7. Bootstrap

**BACKEND**:

1. Node.JS

**DATABASE:**

1. Realm
2. Firebase

**TOOLS**:

1. Github
2. Gitbash
3. VS Code
4. Google Analytics
5. cloudflare CDN
6. Web Pack
7. Google Tag Manager
8. Appium
9. Selenium
10. Acunetix
11. WebLOAD
12. Digicert
13. cloudflare server
14. Nginx
15. heap.io
16. Google Workspace (G-Suite)

**SEO TOOLS:**

1. Ahrefs
2. Google Search Console

**How to Track visitors?**

**How to Track visitors?**

## ****Using****[TraceMyIP.org](https://www.tracemyip.org/)

## TraceMyIP software provides website owners and webmasters with stats, answers, and solutions to the following questions:

* Who visits my website?
* How often a visitor changes an IP address and what content attracts visitors the most?
* What is my IP address and how often does it change?
* Is my Internet business profitable considering the website traffic it receives?
* How do I check how many people are on all of my websites right now and receive email alerts for individual visitors?
* Is my website popular on social networks and which social networks bring the most traffic?
* Do I get enough likes and credit from the traffic I receive on Facebook and other social networking sites?
* Are the majority of my visitors using desktop PCs, laptops, tablets, or phone devices?
* Is someone stalking me online, and if so can I block the stalker from accessing my website and get instant email alerts of abuse?
* How do people find my website and which websites and organizations link to my website?
* Is my domain-hosted content being properly indexed by search engines?
* Which website hosting provider is more suitable for my website?
* How much time do my website visitors spend reading or navigating my web pages?
* How many visitors do I get within a specific timeframe?
* Which hours of the day are the most traffic generating?
* How successful is the marketing of my online business?
* Is my web advertising successful enough to increase customer conversions and sales?
* Is my online advertising affected by click fraud?
* How can I regularly monitor my web hosting provider to check if my website is working?
* Is my affiliate program effective enough to invest the time in?
* Is my website optimized for phone apps, laptops, tablets, or do I have more bounced visits from device specific visits?
* Are my Google AdWords and Bing Ads campaigns cost-effective and configured properly to bring valid visitor traffic?
* Who views my website pages, social network profile(s), and/or blog(s) most frequently?
* Is my website secure and does it reliably deliver necessary web pages via secure HTTPS:// protocol?
* Is it safe to process credit card transactions on my website? Are all of the transactions processed via SSL served forms?
* Is the web hosting provider for my website reliable? Does my hosting company provide uninterrupted hosting service as it claims? Are there services outages during the night when I'm not available to monitor the traffic?
* How well do my other web statistics software/SaaS applications perform such as Mobile Tracker, Google Analytics, and Statcounter?
* How many visitors from foreign countries are transferred, redirected, or blocked with TraceMyIP.org **IP blocking** gadgets I used?
* These and many other questions can be accessed and answered via the utilization of the TraceMyIP.org service.

**Some of the website analytics and visitor tracking features that TraceMyIP offers are:**

* Visitor phone Caller-ID like detection software implementation, yet, instead of a visitor phone number, visitor's IP address and computer ID are detected along with geographical location and history of website browsing paths.
* Instant and scheduled visitor email alerts that notify the users of activity of specific website visitors. Never miss a visit with website visitor real-time instant email alerts!
* EU GDPR compliance tools allow for a flexible service configuration to achieve a full General Data Protection Regulation Compliance and legally collect business website statistics data. Some of the EU GDPR compliance tools features include IP Address Masking, Computer ID Masking, Selective EU Geo-tracking, cookieless tracking and Browser Do-Not-Track functionality.
* Track visitors regardless of IP address by computer ID.
* Count website visitors and track the hosted pages people have viewed with significantly greater detail than any other visitor tracking services
* Track and search logs of returning visitors and privately monitor people's website browsing activity in real-time
* Trace IPs of any computer and physical location along with system statistics of each individual website visitor based on the visitor's IP address
* Control access to your documents and pages via Page and Link Trackers. Block or allow access to your content using IP, GEO and Time Filters
* Redirect and transfer your visitors based on the type of the devices they use, connection origins such as ISP providers and many other visitor related information
* Redirect mobile device users such as those using iOS, Android tablets and phones to a website version dedicated to mobile devices or a different domain name. Laptop and desktop computer users can remain unaffected if desired.
* Access visitor location local and regional maps for fast website traffic evaluation
* Detect and keep track of the keywords used in the search engines to find your website(s)
* Track virtually any content management software such as WordPress, Joomla, other CMS systems and built into CMS contract management systems
* Analyze the most popular pages, files, internal referrers, external referrers and other segmented sources of web traffic
* Access advanced search engines' leads website analytics
* Search people's IP addresses in detailed logs for activity reports from both ipv4 and ipv6 networks (via ipv6 tunneling conversion to ipv4)
* Determine if your website hosting provider is reliable by analyzing hourly visitor traffic statistics
* Use a full featured address book to attach IPs to your contact entries for quick visitor identification on your traffic logs and email alerts with sound notifications
* Create reports of detailed hourly, daily, monthly and yearly website traffic statistics
* Consolidate accounts - track multiple websites under a single webmaster consolidated account - this is one of the coolest features of the TraceMyIP.org statistics software
* Keep your website traffic statistics private - unlike practically all web based statistics services online that may claim your data, TraceMyIP.org does not share your advanced visitor website statistics data with anyone, even advertisers.
* Track and document business advertising campaign performance
* Generate visitor IP access reports for legal documentation in law reinforcement, civil and criminal attorney / lawyer / city public records
* Use hidden tracker gadgets to conduct a secure personal and undercover surveillance
* Track each domain and subdomain individually to produce reports based on different domain name registrars as GoDaddy, Hover, Namecheap, Google domains, Hostgator, Yahoo, Network solutions, Register, Tucows, Wildwest Domains and others.
* TraceMyIP is designed for low, medium and high traffic websites such as personal, commercial, corporate, non-profit websites, blogs, forums and professional content networks. The system provides full support for secure computer SSL tracking of the ecommerce web stores and a complete, most flexible EU GDPR compliance toolset.

## Conclusion:

So basically NewsMavens is a platform that will not only provide the user with authenticated and reliable news but will also be useful for media houses to hire journalists on a short, long, or contract basis for their projects. The media houses or News channels and agencies can also post jobs. It will help a vast community of journalists to work from their home with their expertise and earn but they must verify their accounts which is mandatory for them after that they will be able to find jobs and get jobs by media houses or from buyers. They can also bid on jobs that are posted by buyers.

## Future Work:

* In the future, we will use AI algorithms for different features such as verifying journalists when they apply for journalist accounts.
* We will use AI algorithms for controlling traffic and security purpose
* We will use AI algorithms to bring the best journalist for media houses according to their need
* Our future goal is to make it internationally avialable for our specified community