Eazy-find Machinery – System Specifications

1. The primary objective of the system/platform is to assist machine users to track down the nearest available construction/mining machinery for rental/hire. (Think of it as the Uber or the Tinder of the machinery sector)
   - Live Location of the machine is a key feature of the system which separates us from competition and gives us the competitive edge.

2. Machine owners/dealers register on the platform to place available machinery on the platform to rent out to machine users.
   - Companies: Name, Contact person, Landline&Cell Number, Email address, Website, Physical Address.
   - Individuals: Name, Number, Landline&Cell Number, Email address, Physical Address.

3. Machine users also register on the platform to access the nearest available machinery for hire/rental.
   - Companies: Name, Contact person, Number, Email address
   - Individuals: Name, Number, Email address

4. The location of the machinery is traced through the GPS location of the smart phone linked to that machinery (preferably owned/used by the machine operator).
   - The challenge that I can foresee here is when the operators alternate between different machinery but that doesn't happen often.

5. Machinery can also be fitted with a GPS/Tracking device which would be linked to the platform to accommodate operators who have no smart phones or whose machinery do not have one designated operator (Solves the challenge identified earlier).
   - This will add a complication to the system programming in that the tracking device software will need to be integrated on to our system.
   - One will need to speak to vehicle tracking companies to ascertain if there is room for partnership.
   - This feature can always be added at a later stage if it requires a sophisticated co-ordination and partnership agreements with other tracking device companies/specialists.

6. Machine owners/operators should be able to switch on the "availability mode" as and when their machines become available to hire out and they can at any time switch off the "availability mode" as and when their machines are unavailable to hire out.

7. Machine users can at any time log on to the platform and search the nearest machines available from any location whether current or typed location.

8. Any machinery on the platform should have contact details of the machine owner/administrator to enable the user to directly contact the owner to negotiate a rental agreement.

9. During the search, users should be able to search any machine using the acronyms below, e.g. TLB, FEL. e.t.c and there must also be an additional option to select whether or not the machine is MHSA Act or OCHSA compliant

> ➢ The owners must indicate during the registration of the machine whether the machine is Mine compliant or General.
> ➢ Requirements vary from one Mine to the other but most are the same in line with DMR guidelines so the onus is on the user to clarify with the owner on the specific features of the mine compliance.

10. This machinery will be identified and categorized on the platform similarly to how Auto Trader list the machinery under the commercial page.
11. Diesel Mechanics and Auto Electricians can also register on the platform to assist with machine breakdowns and for the owners to locate them with ease.
> ➢ Just like machinery, they will signal their availability to attend to Machine breakdowns at any particular location around the country.

12. There are dozens of other machines which will need to be added to the platform as we develop it to full capability.
13. The system must be compatible to a PC and a Mobile device with an app integrated for ease of use by a mobile device.
14. A feature to be added to the system administrator to monitor the traffic on the app
15. Subscription fee payments by owners to be facilitated through the system via EFT, Credit cards e.t.c
16. Automated emails to be send to owners to confirm activation and deactivation of accounts when owing.

Below is a synopsis of how the website/system should operate:

EazyFind Machinery:

- *Find a Machine, Machine Dealers & Owners, Machine Users&Clients,*
- *Find a Mechanic, Mechanics&Electricians,*
- *Find a Transporter, Transporters*
- *Important Information*

❖ *Find a Machine >Hire or Sales*
> ➢ *Hire: There will be a search field and a list of preloaded names of machinery to select from*
> ➢ *Upon selection of the machine to rent, the system will direct the user to register as a user and give permission to use the cellphone location in order to track down the nearest available selected machine*
> ➢ *When the user is registered, the system will search the nearest machine from the cellphone location to within a radius of choice.*
> ➢ *Users will need to choose between a radius of 10, 50, 100, 200, 500, >500km to enable the search and list all available machinery in a sequence based on proximity to the user.*
> ➢ *Just like with Uber, A user should be able to search for available machinery in any area within South Africa even though He may not be in the area at the time.*
> ➢ *For an example, I can type the city of Cape Town and select the radius of search to enable the system to search available machinery in and around Cape town in line with the search.*
> ➢ *The list of available machinery will have the estimated km from the cellphone location or the CBD of the area selected.*

➢ *Users will then be able to click on each machine to get Names and contact details of the Machine owners & dealers.*

❖ *Machine Dealers&Owners*
  ➢ *Register as a Company or Individual by creating log in details.*
  ➢ *As a Company:* Name, Contact person, Landline&Cell Number, Email address, Website, Physical Address.
  ➢ *As an Individual:* Name, Number, Landline&Cell Number, Email address, Physical Address.
  ➢ *The next step is to select a machine/s to be listed and attach a picture/s for each machine with a short description*
  ➢ *The next step is to select a listing package with an associated subscription Amount:*
    • *Package 1: 1 Machine for 1, 3, 6, 12 months.*
    • *Package 2: 1-3 Machines*
    • *Package 3: 1-5 Machines*
    • *Package 4: 1-10 Machines*
    • *Package 5: >10 Machines*
  ➢ *Once a package is selected, then payment options will be presented: Credit Card, EFT or debit orders for those who are selecting long term subscriptions.*
  ➢ *Once payment is successful, then an activation message will be sent to the dealer by the system to the dealer email address.*
  ➢ *As soon as the machine is rented out and becomes unavailable, the dealer should be able to log in and de-activate its availability and visa versa when ever it becomes available again.*
  ➢ *As soon as the subscription period lapse, the system should automatically send an email to the dealer to prompt/encourage a subscription extension.*
  ➢ *Dealers should also be able to list their machinery in advance to reduce downtime as much as possible. For an example, A dealer I should be able to list availability of machinery for next month and users should also be able to search for availability of machinery in advance so that they can secure it in advance.*

❖ *Machine Users&Clients*
  ➢ *Register as a User by creating log in details*
  ➢ *Companies: Name, Contact person, Landline&Cell Number, Email address, Website, Physical Address.*
  ➢ *Individuals: Name, Number, Landline&Cell Number, Email address, Physical Address.*
  ➢ *Search for a Machine by typing or selecting from a populated list*
  ➢ *Select the radius*
  ➢ *Once a list of available machinery has been identified and located, select the one which closer to your proximity.*
  ➢ *Details of the machinery will appear with all the contact details of the dealer/owner.*
  ➢ *Users will contact the dealers directly and conduct their own due diligence before they finalize the transaction and payments if any.*

❖ *Find a Mechanic*
  ➢ *The client will be able to type or select from a list of populated categories:*

Engine, Transmission, Hydraulics, Auto Electrical, General Technician.

➢ *Upon selection of the preferred specialisation, the system will direct the user to register as a user and give permission to use the cellphone location in order to track down the nearest available selected Technician.*

➢ *When the user is registered, the system will search the nearest Technician from the cellphone location to within a radius of choice.*

➢ *Users will need to choose between a radius of 10, 50, 100, 200, 500, >500km to enable the search and list all available Technicians in a sequence based on proximity to the user.*

➢ *Just like with Uber, A user should be able to search for available Technician in any area within South Africa even though He may not be in the area at the time.*

➢ *For an example, I can type the city of Cape Town and select the radius of search to enable the system to search available Technicians in and around Cape town in line with the search.*

➢ *The list of available Technicians will have the estimated km from the cellphone location or the CBD of the area selected.*

➢ *Users will then be able to click on each Technician to get their Names and contact details.*

❖ *Mechanics & Auto Electricians*

➢ *Register as a Company or Individual by creating log in details.*

➢ *As a Company:* Name, Contact person, Landline&Cell Number, Email address, Website, Physical Address.

➢ *As an Individual:* Name, Number, Landline&Cell Number, Email address, Physical Address.

➢ *The next step is to select the category of your specialization:*

• *Engine, Transmission, Hydraulics, Auto Electrical, General.*

➢ *State the Qualifications and years of experience in the industry.*

➢ *The next step is to select a listing package with an associated subscription Amount:*

• *Package 1: 0-I month*
• *Package 2: 1-3 months*
• *Package 3: 1-6 months*
• *Package 4: 1-12 months*

➢ *Once a package is selected, then payment options will be presented: Credit Card, EFT or debit orders for those who are selecting long term subscriptions.*

➢ *Once payment is successful, then an activation message will be sent to the Mechanic by the system to the Mechanic email address.*

➢ *As soon as the Mechanic becomes unavailable,He should be able to log in and de-activate its availability and visa versa when ever He becomes available again.*

➢ *As soon as the subscription period lapse, the system should automatically send an email to the Mechanic to prompt/encourage a subscription extension.*

➢ *Mechanics should also be able to list their availability in advance to maximise time usage in a particular area. For an example, A mechanic should be able to indicate availability in a particular area for next month and dealers should also be able to search for availability of mechanicsin advance so that they can secure them in advance.*

❖ *Find a Transporter*
  ➢ *The client will be able to type or select from a list of populated categories: Low Bed-Heavy duty, Low Bed-Light duty, Roll Back-Heavy duty, Rollback-light duty.*
  ➢ *Upon selection of the preferred category, the system will direct the user to register as a user and give permission to use the cellphone location in order to track down the nearest available selected category.*
  ➢ *When the user is registered, the system will search the nearest Transporter from the cellphone location to within a radius of choice.*
  ➢ *Users will need to choose between a radius of 10, 50, 100, 200, 500, >500km to enable the search and list all available Transporters in a sequence based on proximity to the user.*
  ➢ *Just like with Uber, A user should be able to search for available Transporters in any area within South Africa even though He may not be in the area at the time.*
  ➢ *For an example, I can type the city of Cape Town and select the radius of search to enable the system to search available Trucks in and around Cape town in line with the search.*
  ➢ *The list of available Transporters will have the estimated km from the cellphone location or the CBD of the area selected.*
  ➢ *Users will then be able to click on each Transporter to get their Names and contact details.*
❖ *Transporter Dealers*
  ➢ *Register as a Company or Individual by creating log in details.*
  ➢ *As a Company: Name, Contact person, Landline&Cell Number, Email address, Website, Physical Address.*
  ➢ *As an Individual: Name, Number, Landline&Cell Number, Email address, Physical Address.*
  ➢ *The next step is to select a Lowbed/Rollback to be listed and attach a picture/s for each truck with a short description*
  ➢ *The next step is to select a listing package with an associated subscription Amount:*
  ➢ *Package 1: 1 Machine for 1, 3, 6, 12 months.*
  ➢ *Package 2: 1-3 Machines*
  ➢ *Package 3: 1-5 Machines*
  ➢ *Package 4: 1-10 Machines*
  ➢ *Package 5: >10 Machines*
  ➢ *Once a package is selected, then payment options will be presented: Credit Card, EFT or debit orders for those who are selecting long term subscriptions.*
  ➢ *Once payment is successful, then an activation message will be sent to the dealer by the system to the dealer email address.*
  ➢ *As soon as the transporter is rented out and becomes unavailable, the dealer should be able to log in and de-activate its availability and visa versa when ever it becomes available again.*
  ➢ *As soon as the subscription period lapse, the system should automatically send an email to the dealer to prompt/encourage a subscription extension.*
  ➢ *Dealers should also be able to list their trucks in advance to reduce downtime as much as possible. For an example, A dealer I should be able to list availability of trucks for next month and users should also be able to search for availability of trucks in advance so that they can secure it in advance.*
  ➢

- ❖ *Important Information*
  - ➢ *We will paste information relating to the platform, industry trends, scams e.t.c*