**Vadrin Personal Assistant**

**Product Requirements Document (PRD)**

**Prepared by**: <https://github.com/gv-prashanth>

**Title**

**Vadrin Personal Assistant** – A personal assistant to assist in day-to-day needs.

**Stakeholders**

* <https://github.com/bj-krishna>
* <https://github.com/gv-prashanth>

**Status**

This is a completely new product initiative from Vadrin.com.

**Background**

**Context**

With an increasing number of day-to-day tasks & day-to-day objects to interact, Vadrin now has an opportunity to offer its users a personal assistant which shall assist in reminding a task at the right time and in reminding an object at its right place - there by improving the quality of life for its users.

**Product**

The personal assistant shall assist its user by reminding their day-to-day tasks at the right time of the day. It shall also assist its users by reminding where exactly they can find day-to-day objects in their home. The assistant can also, do some tasks at the right time and by interacting with the right objects all by itself. The list of tasks which the assistant can take care automatically shall grow as the product evolves.

**Users**

* The product is aimed at all the users who subscribed to Vadrin personal assistant.

**Competitors**

* **Alexa** can only help the user in reminding the user for their tasks but does not help where user has left his day-to-day items.
* **Google Home** is similar to Alexa and hence has the same drawbacks.
* Both the personal assistant needs to be first loaded with a scheduled day to day tasks before they become any useful in reminding the user day to day tasks.
* **Siri** does what Alexa does and even more. Siri helps in reminding the user where he has left his items, but its only limited to apple items / items tagged with apple air tag.

**Metrics**

* The users using the product
* The tasks reminded at the right time.
* The objects reminded at the right place.
* The number of tasks which the assistant can perform automatically.

**Minimum Viable Product (MVP)**

**Requirement (MVP)**

* Remind the user for his day-to-day tasks
  1. The tasks & their schedule shall be pre-configured.
  2. Any market existing device can be used to remind.
* Remind the user for his day-to-day object location
  1. The objects of interest shall be pre-configured.
  2. The locations of the object need not be pre-configured. The assistant should keep track of the object as it might move (within a single room for MVP).
  3. Cardinal directions can be used to remind location (for MVP)
  4. Any market existing device can be used to track & remind.
* Automate the day-to-day task of the user
  1. Automate the task of booking a badminton court after getting an approval from the user.
  2. Any market existing device can be used to get the approval of user.

**Success Metrics (MVP)**

* More than 2 Users using the product.
* At least 5 tasks reminded at the right time.
* At least 5 objects reminded at the right place within a single room
* At least 1 task automatically taken care by the assistant with minimal interaction by the user.

**Roadmap**

**Phase 0: MVP**

* Refer to MVP section above.

**Phase 1: Enhanced Object Location Reminder**

* Objects if interest need not be pre-configured. The assistant should identify potential objects of interest and should be able to remind them when asked.
* Automate the task of submitting the office time sheet after getting approval of user.