

Beneficent Project Management

**Sorocaba
2021**

Biography

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Born in the city of Apiaí, located in the state of São Paulo. He is currently graduating in Information Technology Management. He has some experience in the Industrial Automation area where he worked as an automated station operator for the treatment and disposal of lathe waste. He has technical courses in the C Sharp Programming language but he hasn't worked on developing a software professionally, being an amateur in areas such as electronics, robotics, and even in Music where he plays Violin, keyboard.

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Abstract

In this book I've been putting together the notes, ideas, c sharp programs I've been writing, as well as programming techniques that work. And inserts of leftover notes from other books.

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Project management

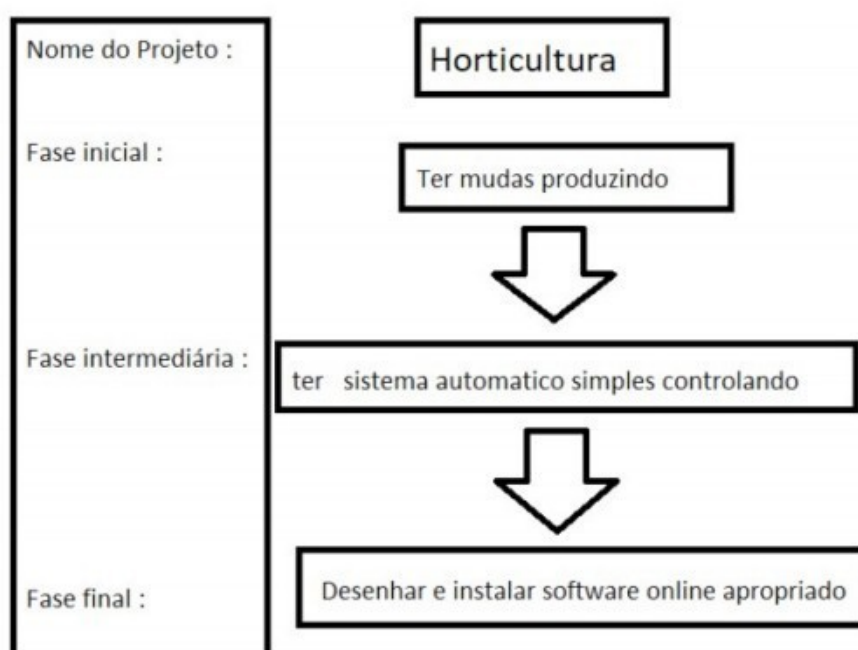
What is the project, the idea would be to write about the project as if it were already completed and your information has already been gathered. Therefore, the acquired documents would be attached to the book, logically as the activities are being done if will generate results that would be released in new releases of the book. Among the activities of a project there is the difficulty of being understood by other members, one possibility would be to draw in paint even the lists of tasks which would make the activity better understood by the participants and even by the author of the text. Activities could be better contextualized, etc. After joining various notes on disconnected subjects, you can then Separate ideas by theme which will create a variety of Areas of interest to the author. can if then use these study areas and create project names from these areas because there is already a strong theoretical basis for these areas, which extends over what is study We then obtain the design theory on which what is going to be done is based in the future. The Phases of the project can be drawn from this theory where what is designed what the project is going to do, and how it is going to do what the Project Tasks would be. from these tasks can be calculated an average of the time it will take to do certain tasks By putting a date on tasks you can get an idea of the time that whether it will take to complete the project. It would be interesting to reread the previous tasks, which if it started and not ended and you can use this method and put the Last date current to start estimating the duration time.

From these previous notes, there are the lists of what sa going to do. You can Recopy lists in separate Areas and separate by projects Considering that the first task would be to have a final version First the book project About the projects and ideas there are many difficulties as resources unavailable, scarce time etc. One of the difficulties would be the lack of understanding for part of those involved. One solution would be that the documents referring to the projects were available to everyone who needs improved means of communication etc. The answer for some solutions is to use technologies like the cloud where access data anywhere, software like open project is already available features like cloud backup. Other technologies such as text-to-audio transcription could automatically create task lists drawn automatically for each situation, using artificial intelligence, data analysis etc. but there is a limitation on the cost of these software. One possibility would be to create a project in audio and transforming all the documents in an alternation of voice and images, that is for each document a standard auditory reference. Eap, activities, tasks become videos about the subjects and the participant Access a video where activities to be done by phase are discussed. On a project where an aquarium is rebuilt, the aquarium must be cleaned right after you must remove water and use the water to water plants because in this water there is an abundance of nutrients you can make a video and upload the video on websites free with the name of the open-source project for example. So there is the ease of access.

One of the purposes of this book and others to follow would be to write the planning your ideas before detailing the ideas for others future entrepreneurs get inspired. You can even develop an activity of project management when writing a pdf about a simple project like garden where automation is added, for example, generating financial resources that can pay for other means. And while learning about technologies involved and etc. Even more developed forms of cultivation such as agriculture syntropic where plants are harmoniously related. Other forms of planting such as aeroponics where air is used to grow roots such as potato tc. Little by little growth is acquired with the project, and new ones are learned skills. So as the project evolves, more money will be invested as it is already there was the payment of the investment

Horticulture Project

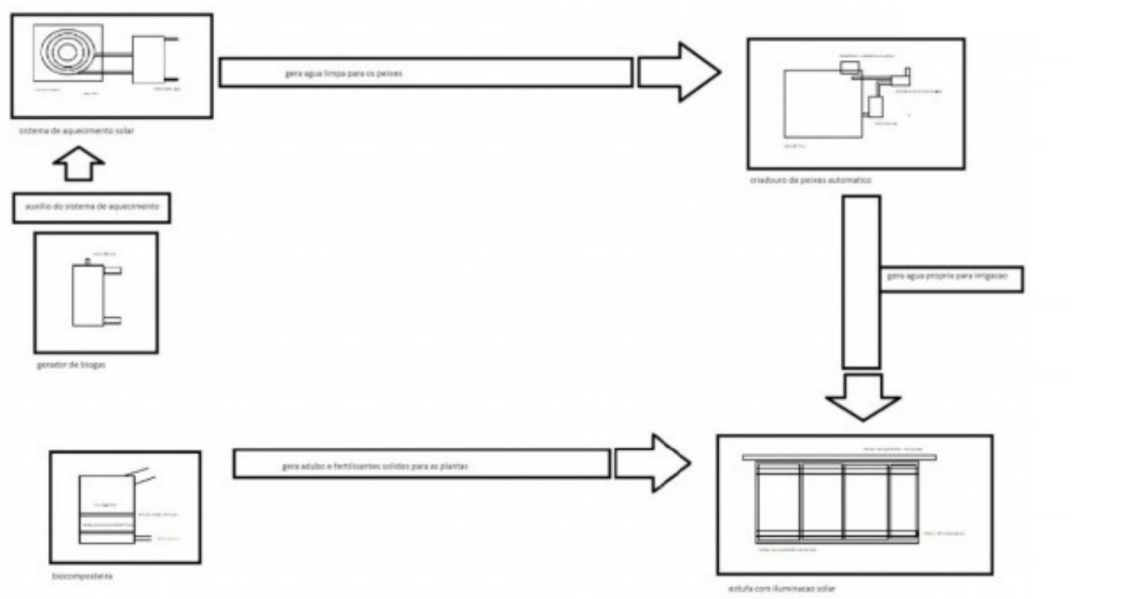
Another form of cultivation would be aquaponics, where fish and plants in a kind of coexistence where fish feces generate nutrients in the water and fertilizing the plants. You can start with hydroponics to get strong plants for cultivation, seedlings and then investing in larger tanks. or the reverse which would be to produce seedlings in quantity in aquaponics and then replant in hydroponic greenhouses. You can start a simple study with an aquarium with plants aquatic plants generating fertilizer for common plants. And then other plants like the sweet potato that consumes a lot of ammonia content in the water.



Usually with the emergence of more promising areas, attention can be paid to more emergent tasks logically depending on available resources etc. It is necessary to create Lists of tasks where the activities to be done are described step by step, it would be interesting to create audio files separating by projects like this facilitating access, and reusing the processes described. Increasing if the recyclability of processes. You can even reread other parts of the book and then Copy the task lists in another section of the book, even the tasks already highlighted, where gather the tasks related to the book. A list of tasks by project phases where at a certain stage, the same tasks are grouped together that use similar resources and accessible to the moment. about the design of mockups the computer has become a tool essential 3D drawing software are suitable for drawings can be reread notes and make projects in blender You can make a project file and if Create folder by projects Write to hand first Then redo in blender Draw and program Write a pdf on the subject a handout on the use of the program Creating a routine of work you can ***every day fill in some project documents*** to refine yourself the skills in the area must also be ***read the PMBOK guide apply the management of projects for i training, read what the PMBOK guide can help in practice. still about the *project management* in case small ideas even* separate the system in parts* can help and then *make it easier to expect results *use the profit generated to make other *ex solar heater one idea would be to stipulate views that relate areas of study already seen above and then apply project management skills virtually. ***step by step project management steps***manage virtual projects in softwares and on google drive smart city

SELF SUSTAINABLE PROJECTS

list system features
 search the prices
 start from the cheapest system
 Related Projects in a Program



It can even be done in a spreadsheet as follows from the solar heater project

aquecedor solar caseiro		
lista de materiais		
manguera 20 mts		R\$ 80,00
bombona grande com tampa		R\$ 143,00
tabua de madeirite		R\$ 30,00
total		R\$ 253,00

Horticulture

As seen in previous sections of the book. Recorded Action would be the most to disseminate knowledge So you realized if it would be interesting to write a script so that the videos about the subjects reported were better explained. One script that could be a presentation on a power point program , however due to the difficulty of creating a presentation that would be unnecessary a pdf file of text and images could then be created where the ideas are explained and a record is kept of what to talk about. An interesting area within everyday life that has generated for a long time substance for modern society to establish itself in a concrete way was the agriculture. Through it our ancestors were able to survive and perpetuate the species who have been looking for new ways to relate to the environment in which they live for a long time. Within modern life, learning and entertainment techniques were created. theirs is the hobby. a fun way to learn and pass the time at the same time. learning . Among the many, an important hobby is horticulture, which is nothing more. than planting home-made species or not in a reduced way. Over time the hobby then becomes everyday .tasks that should be done daily are postponed, forgotten. Diaries are used about what was done, which helps not forgetting chores a horticultural to-do list would help keep a record diary of activities that should be done, those that have already been done, etc.

Compost

Correct planting requires a good fertile substrate for seedlings to grow well .which makes home gardening more expensive. So even before acquiring expensive seedlings and good quality seeds must be learned about fertilization from the earth . Then you can move on to other phases such as choosing the crop etc. One way of acquiring a fertile substrate is composting , where the decomposition of organic matter such as leaves etc . In forests this arises spontaneously and is where the tree seeds fall and they twin causing new trees. Can be made at home even with a vase big where you put food waste that decomposes naturally . it's interesting if you add dry and perennial organic matter such as sawdust, paper etc. that mixed with organic waste absorbs moisture. It's interesting to make a system of drainage as a fine sieve underneath where the substance that would be a fertilizer liquid more commonly known as slurry leaves. You can then place a fine filter like sand and foam. A tap on a rubber coupling allows the output of the liquid. The light organic matter that is produced is also known as “Green Earth” where the seeds germinate more easily. To produce the substrate base is you need a good amount of dry leaves and so on.

Grass seedlings

An interesting idea would be the production of grass seedlings in blocks as a carpet .you can mount a slanted shelf for a greater incidence of light and then taking advantage of seedlings that occasionally appeared in the garden without the need to buy grass seed .and then make grass block and simple plants will do start compost.

Liquid fertilizers

Liquid fertilizers are important in numerous ways for the culture as per example the fact that they penetrate the earth and are absorbed more quickly by the roots. Among the most common food residues there are some more granular ones such as the coffee grounds .which are easily absorbed by the earth however the coffee grounds the land acidifies what needs an alternative way to regulate itself using for example the crushed eggshell which is mainly composed of CaCO_3 or calcium carbonate which acts as a base neutralizing soil acidity. In more severe cases, the soil ph must be analyzed and then used sodium bicarbonate etc. Other food by-products are, for example, water from rice that contains various nutrients for the earth. Some vegetables like potatoes for example contains a lot of potassium, extremely necessary for cellular respiration of plants, the sodium-potassium bomb. The potato skin should be boiled, for example, to fix the skin's nutrients in the water and then gradually pour the water so the plant can absorb the nutrients. Thus Like banana peel, eggshell generates a source of calcium that can be crushed and crushed. boil the bread in water to fix the nutrients. Some nutrients are better absorbed in powder which keeps the plant nourished longer. After boiling the potato skin in water or not to take the potato skin in the sun to dehydrate the skin and then grind and by bread on the plants. An interesting tool in this horticultural hobby would be a suitable crusher for leaves and vegetable waste. old blender , taking care to use it only for this purpose , because the use It accumulates bacteria and germs harmful to the human body. egg shell , dehydrated potato , banana stalk . The dry straw of plants can generate a protection to the soil of the plants, keeping the humidity for a longer time.

Develop an automated vegetable garden.

Given the currently exaggerated cost of items , it would be interesting if develop a project starting from its cheapest parts. So in this system it was chosen to start with a simple vegetable garden. From the point where there are seedlings producing , then it goes to the point of developing a control system . can if opt for analog systems, cheaper such as timers etc. can take advantage ready-made systems such as pharmacy or aquarium thermometers. In the future when there are resources you can buy cheap microcontrollers like Arduino, PIC microcontroller, stm 32 etc .

Aquaponics

One of the alternatives would be to put Styrofoam in a glass with green water and Artemia and then if By seedlings of plants that do not use much light and after that if By slugs or other animals at the bottom of the food chain. Among the different types of aquaponics, it would be interesting to think about systems sustainable as an aquaponics system where a shelf made with Inclined boards where PET bottles are then deposited together by the mouth and first a sealing test must be carried out to see if there is no water leakage and so drill the lid well with minimal holes , you can even test this system of vertical form with porous material and then hang vertically and test where initially, fill the first bottle with sand and place the seedlings only in the next ones.

Daily care

One way to germinate the seeds would be to maintain constant watering could perforate a cap with a soldering iron with several holes and By cap in bottle PET and water the seedlings. In view of the fact that the land usually comes with debris that prevent germination should be sieved soil initially and then for fertilizer purchased from garden stores or even if you add made earthworm humus in a homemade compost to enrich oneself and after that to make seedings of cheap materials such as disposable cups, egg boxes etc or even put on the seedlings larger, which would enrich the place where the seedlings grow.

Self-irrigating vessels

The use of self-irrigating pots would be a principle of hydroponics, as the plants already they would absorb the water and nutrients from the earth and facilitate its maintenance , however it requires a study of the time it would take to water the plants again and better consumption of liquid fertilizer that would be mixed with water.

Experience of irrigable vessels

Which of the techniques does the plant grow the most?

Small vase in the pot with water

Small vessel straight into the ground