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ABSTRACT

Brilliant Seas Allotment Payroll System or BSAPS is an automated transaction system developed to meet the current problems encountered by the existing manual system of the company. It was designed to manage and control the company's records in processing payroll.

The system used the Prototype as its methodology to meet all the needs of the company and to come-up to an efficient system. It has undergone many phases of testing and revisions to make sure it suits the needs of the company.

The system was designed to compute the salary of the allotee and to generate reports. BSAPS keeps track the BSSC profiles such as seaman, allotee, vessel, bank, branches of bank, SSS and Medicare tables as well. It is also capable of informing the user about whether or not the seaman's contract is expire. BSAPS also provides password to ensure that only authorized user can access the system. It also includes log details to determine what date and time the user used the system as well as the menu(s) accessed by the user. The SSS and Medicare are done automated to lessen the time and work of the user in processing payroll. The system used the encryption and decryption technique to protect the system from any unauthorized user. The proponents wanted the system to be user friendly, so the user can easily understand and cope with the system, thus, providing help topics to guide the user in manipulating the system.