## Library Management System Check in Activity Diagram System Librarian Collect items return Scan item date, library branch, name, etc. Is item scannable? No Yes Join Place in error bin/ manually identify Returned Yes item late? Calulate fine and notify patron Update patron No account Pay fine? Yes No Join Home Notify patron cannot checkout branch? more items till fine is paid No Inform to put item Return item to truck Yes in truck bin bin Return item to Inform to put item reshelving cart in reshelving cart Join Update items available status Finalize transaction