XEROX
BUSINESS SYSTEMS
System Development Division
February 15, 1978

To: W. Shultz

From: W. C. Lynch

Location: Palo Alto

Subject: Pilot Status Report for February 78

Keywords: Pilot, Status

File: [Iris]<Lynch>Feb78.Status

Archive document #:   To be assigned by Ode Binkley

Staffing and Equipment

Tom Horsley has returned full time to Pilot.

A number of staff members have been helping with the Xerox and SDD recruiting. Bill Lynch met with PhD candidates at CMU on February 6th, made a seminar presentation to interested B.S. and M.S. candidates on the same date and interviewed the B.S. candidates on February 6th. Paul McJones and Steve Purcell interviewed B.S. candidates at Berkeley on February 15th, and Dave Redell will do the same at MIT on February 17th. Some good prospects have been uncovered.

Pilot

The first production release of Pilot (2.0) is still scheduled for 2Q78, a date which is still compatible with the current D0 delivery schedule. It should be noted that over half of the schedule dependencies listed in the *Pilot Design Work Plan* have not been met. We are anticipating rescheduling the release for the end of June, 1978.

Pilot Work Plan - D13

The *Pilot Design Work Plan* ([Iris]<Lynch>PilotWp.memo) (approval still pending) is being used for planning purposes. The symbols on the subtitles refer to tasks planned in that document. The work plan will be updated over the next month for release on March 15, 1978.

Pilot Design Spec - D3

The primary activity has been on the *Pilot Design Specifications*. Version 1.0 (draft status) of the *Pilot Design Specifications* was produced on February 15, 1978. Planning for its review is now under way.

Pilot Functional Spec - D2

Feedback is still being collected from the *Pilot Functional Specification.* Version 2.0 (draft status) was distributed on September 14, 1977.

Hugh Lauer is organizing the revision, with his schedule calling for Version 3.0 to be released at the end of March.

Alto/Pilot Release - D19

Acceptance testing by Product Software during the last half of January has revealed a modest number of difficulties.

Pilot Testing - D11, D6

Due to Toni Shetler's efforts the Pilot Test Plan is now essentially complete and will be released soon.

Assignments

Bishop: Develop requirements and functions for data management leading to a concepts and facilities document and a functional specification. Aid Richard Moore with Records Processing specification. Work with Ed Satterthwaite to develop a proposal enabling better integrated object oriented programming in Mesa.

Gifford: Design and implementation of the memory management and file system. Only 1/4 time now.

Horsley: Organize the filing structure for holding our various development documents and code in a way compatible with the Tools Librarian. Work on the Pilot *Install facility.* Consult on the construction and integration of Pilot microcode. Maintain release 1.0 of Alto/Pilot.

Lauer: Construct a prototype implementation of ByteStreams and make it operational within Alto Pilot. Edit the *Pilot Functional Specifications.* Edit the *OIS Mesa Functional Specifications.* Edit the *Pilot Concepts and Facilities.*

Lynch: Review the *Pilot Design Specifications.* Help with recruiting new personnel for 78. Work Plans, D0 conversion plans, *Pilot Functional Specifications.*

McJones: Take responsibility for editting the *Pilot Design Specifications.* Take specific responsibility for the memory management portions of the *Pilot Design Specifications.* Lead the design effort for the file facilities.

Purcell: Become intimately familiar with the Pilot process management, memory management and file facilities. Actively participate in the design and specification of the file facilities. Work on *Pogo* in the background.

Redell: Work with the Mesa group in the implementation of the process structure design for Mesa 4.0. Take responsibility for the *Process structure* section of the *Pilot Design Specifications.* Take responsibility for the *Low-level Mesa support* section of the *Pilot Design Specifications.* Consult in the design of the file facilities.

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